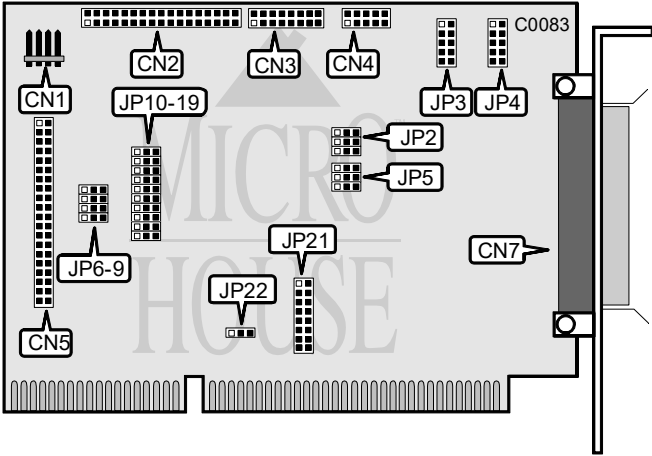


DIAMOND FLOWER INC.  
MIO-500

Q1/93

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	CN1
34-pin data cable connector-floppy drive	CN2
16-pin connector-game port	CN3
10-pin connector-serial port 2	CN4
40-pin IDE (AT) Interface connector	CN5
DB-9 male connector-serial port 1	CN6
DB-25 female connector-parallel port	CN7

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Floppy drive enabled	JP6	pins 1 & 2 closed
Floppy drive disabled	JP6	pins 2 & 3 closed
í Hard drive port address 1F0-1F7h	JP7	pins 1 & 2 closed
Hard drive port address 170-177h	JP7	pins 2 & 3 closed
í Floppy drive port address 3F1-3F7h	JP8	pins 1 & 2 closed
Floppy drive port address 371-377h	JP8	pins 2 & 3 closed
í Hard drive enabled	JP9	pins 1 & 2 closed
Hard drive disabled	JP9	pins 2 & 3 closed
í Parallel port address 378-37Fh	JP10	pins 1 & 2 closed
Parallel port address 278-27Fh	JP10	pins 2 & 3 closed
í Serial port 1 set to COM1 (3F8-3FFh)	JP11	pins 1 & 2 closed
Serial port 1 set to COM3 (3E8-3EFh)	JP11	pins 2 & 3 closed
í Serial port 2 set to COM2 (2F8-2FFh)	JP12	pins 1 & 2 closed
Serial port 2 set to COM4 (2E8-2EFh)	JP12	pins 2 & 3 closed
í Serial port 2 enabled	JP13	pins 1 & 2 closed
Serial port 2 disabled	JP13	pins 2 & 3 closed
í Serial port 1 enabled	JP14	pins 1 & 2 closed
Serial port 1 disabled	JP14	pins 2 & 3 closed
í Parallel port enabled	JP15	pins 1 & 2 closed
Parallel port disabled	JP15	pins 2 & 3 closed
í Factory configured - do not alter	JP16	pins 2 & 3 closed
í Second hard drive controller not supported	JP17	pins 1 & 2 closed
Second hard drive controller supported	JP17	pins 2 & 3 closed
í Factory configured - do not alter	JP18	pins 2 & 3 closed
í Game port enabled	JP19	pins 1 & 2 closed
Game port disabled	JP19	pins 2 & 3 closed
í Parallel port IRQ is IRQ7	JP22	pins 2 & 3 closed
Parallel port IRQ is IRQ5	JP22	pins 1 & 2 closed

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SERIAL PORT SIGNAL STATUS JP5 - Serial Port 1 JP2 - Serial Port 2		
Function	Location	Setting
í DCD (Data Carrier Detect) - NORMAL	Jumper 1	pins 1 & 2 closed
DCD (Data Carrier Detect) - FORCED TRUE	Jumper 1	pins 2 & 3 closed
í DSR (Data Set Ready) - NORMAL	Jumper 2	pins 1 & 2 closed
DSR (Data Set Ready) - FORCED TRUE	Jumper 2	pins 2 & 3 closed
í CTS (Clear To Send) - NORMAL	Jumper 3	pins 1 & 2 closed
CTS (Clear To Send) - FORCED TRUE	Jumper 3	pins 2 & 3 closed

SERIAL PORT CONFIGURATION JUMPERS JP4 - Serial Port 1 JP3 - Serial Port 2	
í Port is DTE (Data Terminal Equipment)	All pins closed horizontally (1-2, 3-4, 5-6, 7-8, 9-10)
Port is DCE (Data Comm. Equipment)	Pins 1-8 closed vertically (1-3, 2-4, 5-7, & 6-8) and pins 9-10 closed horizontally

SERIAL PORT IRQ JUMPERS - JP21 Jumpers 1-4 - Serial port 2 (Default setting = íí) Jumpers 5-8 - Serial port 1 (Default setting = í)				
IRQ	Jumper 1/5	Jumper 2/6	Jumper 3/7	Jumper 4/8
IRQ2	closed	open	open	open
íí IRQ3	open	closed	open	open
í IRQ4	open	open	closed	open
IRQ5	open	open	open	closed