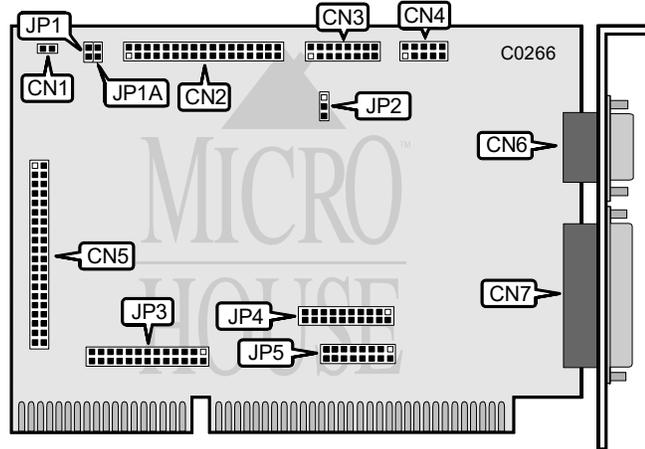


DIAMOND FLOWER INC.
MIO-550

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
2-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-internal	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 Serial Port 1 (CN6) DMA disabled	JP1	open
Serial Port 1 (CN6) DMA enabled	JP1	closed
í Serial Port 2 (CN4) DMA disabled	JP1A	open
Serial Port 2 (CN4) DMA enabled	JP1A	closed
í Baud rate up to 448Kbps (Clock input is 7.3728)	JP2	pins 1 & 2 closed
Baud rate up to 56Kbps (Clock input is 1.8432)	JP2	pins 2 & 3 closed
í Game port enabled	JP3/jumper 11	closed
Game port disabled	JP3/jumper 11	open
í Floppy drive enabled	JP3/jumper 12	closed
Floppy drive disabled	JP3/jumper 12	open
í Hard drive enabled	JP3/jumper 13	closed
Hard drive disabled	JP3/jumper 13	open

SERIAL PORT CONFIGURATION JUMPERS - JP3				
Jumpers 1-4 - Serial port 1 (Default setting = í)				
Jumpers 5-8 - Serial port 2 (Default setting = íí)				
COM	Jumper 1/5	Jumper 2/6	Jumper 3/7	Jumper 4/8
í COM1 (3F8)	open	open	open	closed
íí COM2 (2F8)	open	closed	open	open
COM3 (3E8)	open	open	closed	open
COM4 (2E8)	closed	open	open	open

PARALLEL PORT CONFIGURATION JUMPERS - JP3		
LPT	JP3 Jumper 9	JP3 Jumper 10
í LPT1 (378)	open	closed
LPT2 (278)	closed	open

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SERIAL PORT IRQ JUMPERS - JP4				
Jumpers 1-4 - Serial port 1 (Default setting = i)				
Jumpers 5-8 - Serial port 2 (Default setting = íí)				
IRQ	Jumper 1/5	Jumper 2/6	Jumper 3/7	Jumper 4/8
IRQ2	closed	open	open	open
IRQ5	open	closed	open	open
i IRQ4	open	open	closed	open
íí IRQ3	open	open	open	closed

PARALLEL PORT IRQ		
IRQ	JP4 Jumper 9	JP4 Jumper 10
IRQ5	closed	open
i IRQ7	open	closed

SERIAL PORT DMA MODE SELECT JUMPERS - JP5		
Pins 1-8 - Serial port 1 (Default setting = i)		
Pins 9-16 - Serial port 2 (Default setting = íí)		
DMA	Serial Port 1 (CN6)	Serial Port 2 (CN4)
i Receive DMA1	pins 3 & 4 and 7 & 8 closed	pins 11 & 12 and 15 & 16 closed
Transmit DMA1	pins 1 & 3 and 7 & 8 closed	pins 9 & 11 and 15 & 16 closed
íí Receive DMA3	pins 2 & 4 and 5 & 6 closed	pins 10 & 12 and 13 & 14 closed
Transmit DMA3	pins 1 & 2 and 5 & 6 closed	pins 9 & 10 and 13 & 14 closed