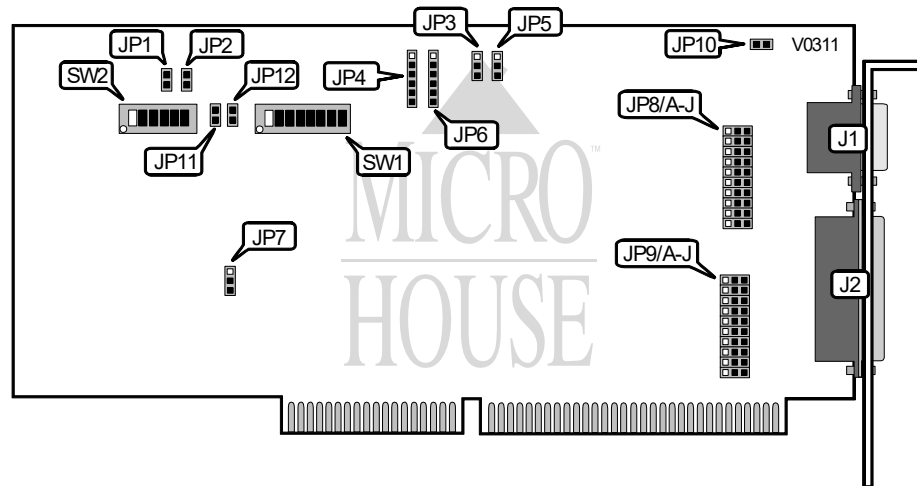


DIAMOND FLOWER, INC. MS-422 PLUS

Card Type Multi I/O
Chipset/Controller NS16550AN
I/O Options Serial ports (2)
Maximum DRAM N/A



CONNECTIONS			
Port	Location	Port	Location
Serial port 1	J2	Serial port 2	J1

SERIAL PORT CONFIGURATION			
Port 1 (J2)	Port 2 (J1)	SW2/1	SW2/2
COM1	COM2	Off	Off
COM1	Disabled	On	Off
COM2	COM3	Off	On
COM3	COM4	On	On

SERIAL PORT INTERRUPT SELECT					
Port 1 (J2)	Port 2 (J1)	SW2/3	SW2/4	SW2/5	SW2/6
IRQ4	IRQ3	On	Off	Off	On
IRQ3	IRQ4	Off	On	On	Off
Disabled	Disabled	Off	Off	Off	Off

DMA SELECT									
Port 1 (J1)	Port 2 (J2)	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
Receiver	Receiver	On	On	Off	Off	On	On	Off	Off
Transmitter	Transmitter	Off	Off	On	On	Off	Off	On	On

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DMA PORT AND CHANNEL CONFIGURATION					
Port 1 (J1)	Port 2 (J2)	JP1	JP2	JP11	JP12
DMA 1	DMA 3	Closed	Closed	Open	Open
DMA 3	N/A	Open	Closed	Closed	Closed
DMA 1	N/A	Closed	Open	Open	Open
N/A	DMA 1	Closed	Open	Closed	Closed
N/A	DMA 3	Open	Closed	Open	Open

RS-422/RS-232 INTERFACE SELECT			
Port 1 (J1)	Port 2 (J2)	JF 3/A-J	JF 3/A-J
RS-422	RS-422	Pins 1 & 2 closed	Pins 1 & 2 closed
RS-422	RS-232	Pins 1 & 2 closed	Pins 2 & 3 closed
RS-232	RS-422	Pins 2 & 3 closed	Pins 1 & 2 closed
RS-232	RS-232	Pins 2 & 3 closed	Pins 2 & 3 closed

RS-422 DRIVER SELECT			
Port 1 (J1)	Port 2 (J2)	P5	P3
Always on	Always on	Open	Open
Always Off	Always Off	Pins 2 & 3 closed	Pins 2 & 3 closed
Controlled by RTS	Controlled by RTS	Pins 1 & 2 closed	Pins 1 & 2 closed

RS-232/RS-422 NORMAL SET SELECT			
Port 1 (J1)	Port 2 (J2)	P6	P4
RS-422	RS-422	Pins 2 & 3, 4 & 5 closed	Pins 2 & 3, 4 & 5 closed
RS-422	RS-232	Pins 2 & 3, 4 & 5 closed	Pins 1 & 2, 5 & 6 closed
RS-232	RS-422	Pins 1 & 2, 5 & 6 closed	Pins 2 & 3, 4 & 5 closed
RS-232	RS-232	Pins 1 & 2, 5 & 6 closed	Pins 1 & 2, 5 & 6 closed

CLOCK SPEED SELECT	
Speed	JP7
1.8432MHz	Pins 1 & 2 closed
8.00MHz	Pins 2 & 3 closed

SIGNAL GROUND CONFIGURATION	
Setting	JP10
Connected	Closed
Isolated	Open