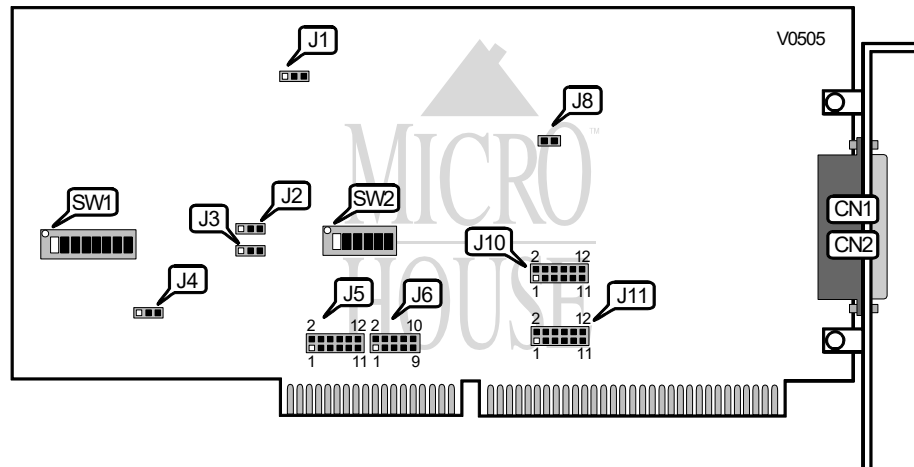# QUATECH, INC.
MPA-200/300

Card Type   I/O controller
Chipset/Controller Intel
I/O Options   Serial port
Maximum DRAM   N/A

CONNECTIONS	
Purpose	Location
Female D-25 serial port - data communications equipment	CN1
(Optional) Male D-25 serial port - data terminal equipment	CN2
Note: The MPA 200 is either DCE or DTE port equipped, but not both	

CLOCK SPEED SELECT	
Speed	J1
í 8MHz	Pins 1 & 2 closed
6MHz	Pins 2 & 3 closed

INTERRUPT SHARING	
Setting	J4
Enabled	Pins 1 & 2 closed
Disabled	Pins 2 & 3 closed

INTERRUPT SELECTION		
IRQ	J5	J6
IRQ2/9	Pins 1 & 7 closed	Open
IRQ3	Pins 2 & 8 closed	Open
IRQ4	Pins 3 & 9 closed	Open
IRQ5	Pins 4 & 10 closed	Open

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INTERRUPT SELECTION		
IRQ	J5	J6
IRQ6	Pins 5 & 11 closed	Open
IRQ7	Pins 6 & 12 closed	Open
IRQ10	Open	Pins 1 & 6 closed
IRQ11	Open	Pins 2 & 7 closed
IRQ12	Open	Pins 3 & 8 closed
IRQ14	Open	Pins 4 & 9 closed
IRQ15	Open	Pins 5 & 10 closed

DMA TRANSMIT CHANNEL	
Setting	J10
Channel 1	Pins 1 & 7, 2 & 8 closed
Channel 2	Pins 3 & 9, 4 & 10 closed
Channel 3	Pins 5 & 11, 6 & 12 closed

DMA RECEIVE CHANNEL	
Setting	J11
Channel 1	Pins 1 & 7, 2 & 8 closed
Channel 2	Pins 3 & 9, 4 & 10 closed
Channel 3	Pins 5 & 11, 6 & 12 closed
Note: Do not use the same channel for both DMA transmit and receive functions. Closing the same Pins on J10 and J11 will result in damage to the system.	

LINE DRIVER CONTROL	
Setting	J7
Drivers and receivers always enabled	Pins 1 & 2, 4 & 5 closed
Drivers and receivers controlled by programming register	Pins 2 & 3, 5 & 6 closed
Note: Location of J7 is not specified on manufacturer documentation.	

SYNCA/RLEN CONFIGURATION	
Setting	J8
SYNCA	Closed
RLEN	Open

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I/O ADDRESS CONFIGURATION		
Addres	SW1	SW2
300h	1, 2, 3, 4, 5 & 6 on	1, 2, 3, 4, 5 & 6 on
240h	1, 2, 3, 4, 5, 6 & 8 on	1, 3, 4, 5 & 6 on
6FC4h	1 & 4 on	3, 4 & 5 on
Note: The address range for the DMM-100 is from 0 to FFFFh. The switches are a binary representation of the addresses. The switches have the following decimal values: SW1/1=8, SW1/2=4, SW1/3=2, SW1/4=1, SW1/5=8, SW1/6=4, SW1/7=2, SW1/8=1, SW2/1=8, SW2/2=4, SW2/3=2, SW2/4=1, SW2/5=8, SW2/6=4.		

FACTORY CONFIGURED SETTINGS	
Jumper	Setting
J2	N/A
J3	N/A