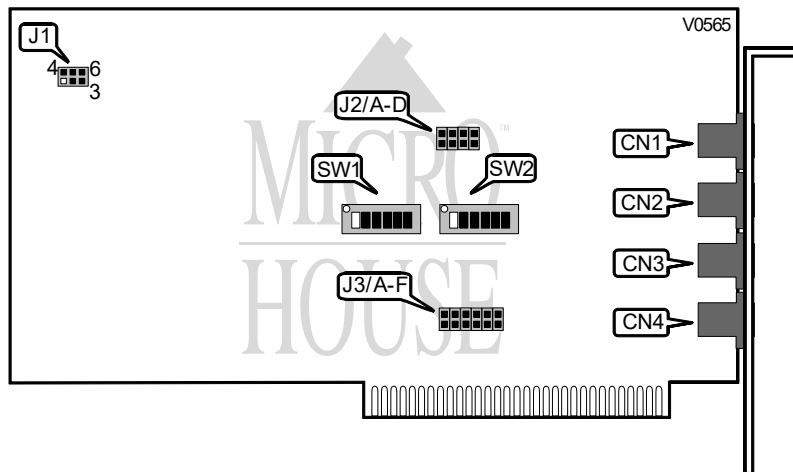


# QUATECH, INC.

## QS-200M/300M

<b>Card Type</b>	Serial controller
<b>Chipset/Controller</b>	16450/16550 UART
<b>I/O Options</b>	Serial ports (4)
<b>Maximum DRAM</b>	N/A



CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 1 - RJ-11	CN1	Serial port 3 - RJ-11	CN3
Serial port 2 - RJ-11	CN2	Serial port 4 - RJ-11	CN4

INPUT CLOCK CONFIGURATION	
MHz	J1
1.8432MHz	Pins 1 & 4, 2 & 3, 5 & 6 closed
3.6864MHz	Pins 2 & 3, 4 & 5 closed
9.216MHz	Pins 1 & 2, 5 & 6 closed
18.432MHz	Pins 2 & 5 closed

DUPLEX SELECTION				
Setting	J2/A	J2/B	J2/C	J2/D
Port 1 full duplex mode	Open	N/A	N/A	N/A
Port 1 half duplex mode	Closed	N/A	N/A	N/A
Port 2 full duplex mode	N/A	Open	N/A	N/A
Port 2 half duplex mode	N/A	Closed	N/A	N/A
Port 3 full duplex mode	N/A	N/A	Open	N/A
Port 3 half duplex mode	N/A	N/A	Closed	N/A
Port 4 full duplex mode	N/A	N/A	N/A	Open
Port 4 half duplex mode	N/A	N/A	N/A	Closed

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**QS-200M/300M**

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INTERRUPT SELECT						
IRQ	J3/A	J3/B	J3/C	J3/D	J3/E	J3/F
IRQ2	Closed	Open	Open	Open	Open	Open
IRQ3	Open	Closed	Open	Open	Open	Open
IRQ4	Open	Open	Closed	Open	Open	Open
IRQ5	Open	Open	Open	Closed	Open	Open
IRQ6	Open	Open	Open	Open	Closed	Open
IRQ7	Open	Open	Open	Open	Open	Closed
Note: All ports share the same IRQ.						

I/O ADDRESS CONFIGURATION		
Base Address	SW1	SW2
300h	1, 2, 3, 4, 5 & 6 On	3, 4 & 5 On
6A0h	1, 2, 3, 4 & 5 On	2 & 4 On
5220h	1, 3, 5 & 6 On	2, 3 & 4 On
<p>Note (1): The address range for the QS-200M/300M is from 0 to FFFFh. The switches are a binary representation of the addresses. When a switch is off, the corresponding bit is set to 1 and has the following decimal value: SW1/1=8, SW1/2=4, SW1/3=2, SW1/4=1, SW1/5=8, SW1/6=4, SW2/1=2, SW2/2=1, SW2/3=8, SW2/4=4, SW2/5=2. The QS-200M/300M requires 32 consecutive address locations for all four serial ports.</p> <p>Note (2): The base address selected above is for Port 1. To obtain the addresses for the other ports, add to the Port 1 address the following numbers:</p> <p style="text-align: right;">Port 2 address = Port 1 address + 8  Port 3 address = Port 1 address + 16  Port 4 address = Port 1 address + 24</p>		

INTERRUPT STATUS REGISTER	
Setting	SW2/6
Interrupt status register enabled	On
Interrupt status register disabled	Off