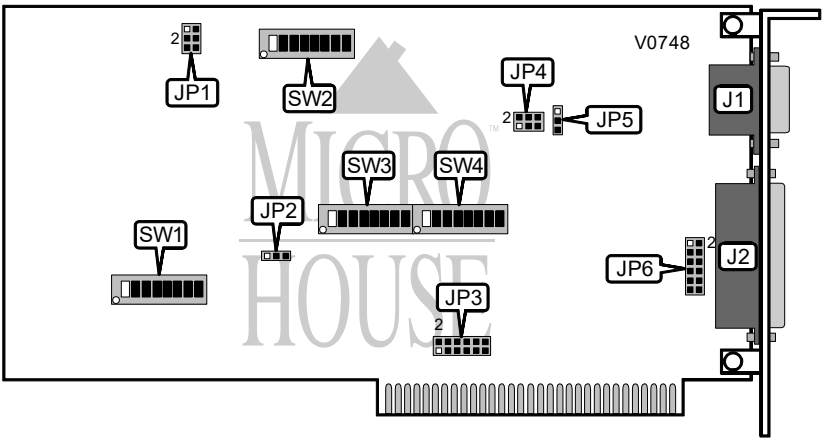


QUATECH, INC.
DS-225/DS-325

Card Type
Chipset Controller
I/O Options
Maximum Dram

Serial interface
Unidentified
Serial ports (2)
N/A



CONNECTIONS			
Purpose :	Location	Purpose :	Location
Serial port 1	J1	Serial port 2	J2

INTERRUPT SELECTION	
IRQ	JP3
2	Pins 1 & 2 closed
3	Pins 3 & 4 closed
4	Pins 5 & 6 closed
5	Pins 7 & 8 closed
6	Pins 9 & 10 closed
7	Pins 11 & 12 closed

SERIAL INTERRUPT SHARING SELECTION	
Setting	JP2
Non-sharable	Pins 1 & 2 closed
Sharable	Pins 2 & 3 closed

RS-422/485 DRIVER POWER-UP STATE SELECTION	
State	JP5
Enabled	Pins 2 & 3 connected
Disabled	Pins 1 & 2 connected

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ADDRESS SELECTION								
Address	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
000h	On	On	On	On	On	On	On	On
008h	On	On	On	On	On	On	On	Off
010h	On	On	On	On	On	On	Off	On
018h	On	On	On	On	On	On	Off	Off
2E8h (COM4:)	On	Off	On	Off	Off	Off	On	Off
2F8h (COM2:)	On	Off	On	Off	Off	Off	Off	Off
3E8h (COM3:)	On	Off	Off	Off	Off	Off	On	Off
3F8h (COM1:)	On	Off	Off	Off	Off	Off	Off	Off
7E0h	Off	Off	Off	Off	Off	Off	On	On
7E8h	Off	Off	Off	Off	Off	Off	On	Off
7F0h	Off	Off	Off	Off	Off	Off	Off	On
7F8h	Off	Off	Off	Off	Off	Off	Off	Off

Note: A total of 255 memory base address settings are available. The switches are a binary representation of the decimal addresses. Switch 8 is the Least Significant Bit and switch 1 is the Most Significant Bit. The switches have the following decimal values: switch 8=1, 7=2, 6=4, 5=8, 4=16, 3=32, 2=64, 1=128. Turn off the switches and add the off switches to obtain the correct memory base address. (On=0, Off=1)

DTE/DCE SELECTION	
DTE	DCE

INPUT CLOCK DIVISOR SELECT			
10 (default)	5	2	1

PROTOCOL SELECTION								
Protocol	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6	SW2/7	SW2/8
Software select	Off	Off	Off	Off	Off	Off	Off	Off
RS-232	On	On	On	Off	Off	On	Off	Off
RS-422/485	On	On	Off	On	Off	Off	On	Off

Current loop	On	On	Off	Off	On	Off	Off	On
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CURRENT LOOP TRANSMIT MODE SELECTION								
Mode	SW3/1	SW3/2	SW3/3	SW3/4	SW3/5	SW3/6	SW3/7	SW3/8
Passive	On	On	Off	Off	Off	Off	Off	Off
20mA active	Off	Off	On	On	On	Off	Off	Off
30mA active	Off	Off	On	On	On	On	Off	Off
60mA active	On	On	Off	Off	Off	Off	Off	On

CURRENT LOOP RECEIVE MODE SELECTION									
Mode	SW4/1	SW4/2	SW4/3	SW4/4	SW4/5	SW4/6	SW4/7	SW4/8	JP4
Passive	On	On	Off	Off	Off	Off	Off	Off	Open
20mA active	Off	Off	On	On	On	Off	Off	Off	1 & 2 closed
30mA active	Off	Off	On	On	On	On	Off	Off	3 & 4 closed
60mA active	On	On	Off	Off	Off	Off	Off	On	5 & 6 closed