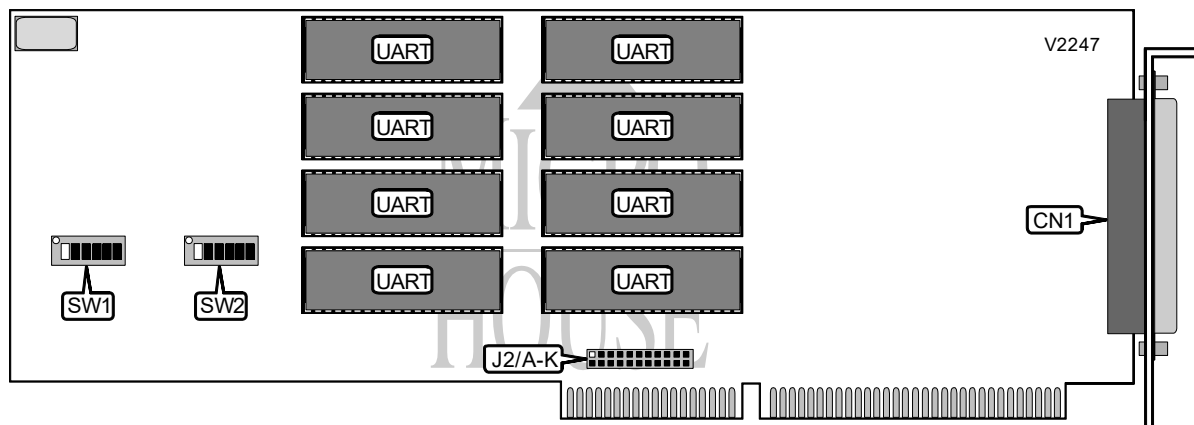


QUATECH, INC.

ES-100D, ESB-10

Card Type
Chip Set
I/O Options
Data Bus

Serial
 Unidentified
 Serial ports (8)
 16-bit ISA



CONNECTIONS	
Function	Label
Serial ports via DB-78 connector	CN1
Note: Standard DB-25 serial ports are provided on an included adapter cable.	

USER CONFIGURABLE SETTINGS		
Function	Label	Position
Factory configured - do not alter	SW2/5	N/A
Address+7 register is scratchpad register	SW2/6	Off
Address+7 register is interrupt status register	SW2/6	On

SERIAL PORT ADDRESS					
Setting	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5
0000h	On	On	On	On	On
0040h	On	On	On	On	On
0080h	On	On	On	On	On
00C0h	On	On	On	On	On
0100h	On	On	On	On	On
0300h	On	On	On	On	On
FEC0h	Off	Off	Off	Off	Off
FF00h	Off	Off	Off	Off	Off
FF40h	Off	Off	Off	Off	Off
FF80h	Off	Off	Off	Off	Off
FFC0h	Off	Off	Off	Off	Off

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SERIAL PORT ADDRESS (CON'T)					
Setting	SW1/6	SW2/1	SW2/2	SW2/3	SW2/4
0000h	On	On	On	On	On
0040h	On	On	On	On	Off
0080h	On	On	On	Off	On
00C0h	On	On	On	Off	Off
0100h	On	On	Off	On	On
0300h	On	Off	Off	On	On
FEC0h	Off	Off	On	Off	Off
FF00h	Off	Off	Off	On	On
FF40h	Off	Off	Off	On	Off
FF80h	Off	Off	Off	Off	On
FFC0h	Off	Off	Off	Off	Off
Note: A total of 1024 base address settings are available. The switches are a binary representation of the decimal memory addresses. SW1/1 is the Most Significant Bit and switch SW2/4 is the Least Significant Bit. The switches have the following decimal values: SW1/1=32768, SW1/2=16384, SW1/3=8192, SW1/4=4096, SW1/5=2048, SW1/6=1024, SW2/1=512, SW2/2=256, SW2/3=128, SW2/4=64. Turn off the switches and add the values of the switches that are off to obtain the correct memory address. (Off=1, On=0) Each port takes an additional 8 bytes after this address, for a total of 64 bytes.					

SERIAL PORT INTERRUPT						
Setting	J2/A	J2/B	J2/C	J2/D	J2/E	J2/F
IRQ2/9	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
IRQ10	Open	Open	Open	Open	Open	Open
IRQ11	Open	Open	Open	Open	Open	Open
IRQ12	Open	Open	Open	Open	Open	Open
IRQ14	Open	Open	Open	Open	Open	Open
IRQ15	Open	Open	Open	Open	Open	Open

SERIAL PORT INTERRUPT (CON'T)					
Setting	J2/G	J2/H	J2/I	J2/J	J2/K
IRQ2/9	Open	Open	Open	Open	Open
IRQ3	Open	Open	Open	Open	Open
IRQ4	Open	Open	Open	Open	Open
IRQ5	Open	Open	Open	Open	Open
IRQ6	Open	Open	Open	Open	Open
IRQ7	Open	Open	Open	Open	Open
IRQ10	Closed	Open	Open	Open	Open
IRQ11	Open	Closed	Open	Open	Open
IRQ12	Open	Open	Closed	Open	Open
IRQ14	Open	Open	Open	Closed	Open
IRQ15	Open	Open	Open	Open	Closed