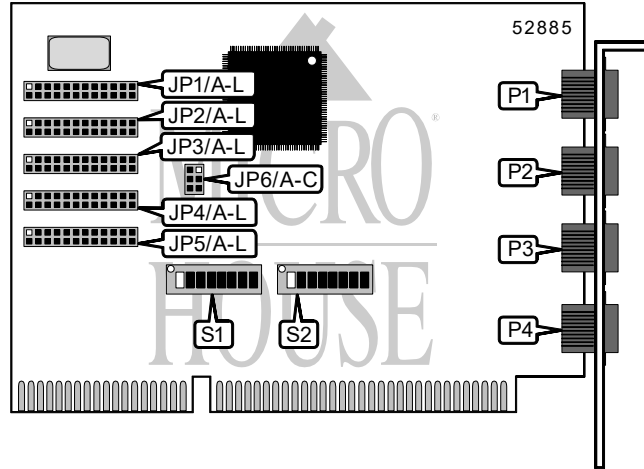


GLOBETEK, INC. S-1003 (REV. B)

Card Type	Serial
Chipset	Startech ST16C554D
I/O Options	Serial ports (4)
Data Bus	16-bit ISA



CONNECTIONS			
Function	Label	Function	Label
Serial port 1 via RJ-45 connector	P1	Serial port 3 via RJ-45 connector	P3
Serial port 2 via RJ-45 connector	P2	Serial port 4 via RJ-45 connector	P4

USER CONFIGURABLE SETTINGS		
Setting	Label	Position
í Factory configured - do not alter	S2/4	Unidentified
í Factory configured - do not alter	S2/5	Unidentified
í Status register enabled	S2/8	On
Status register disabled	S2/8	Off

BASE I/O ADDRESS SELECTION						
Setting	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
0000h	On	On	On	On	On	On
0020h	On	On	On	On	On	On
0040h	On	On	On	On	On	On
0060h	On	On	On	On	On	On
0080h	On	On	On	On	On	On
í 0320h	On	On	On	On	On	On
FF60h	Off	Off	Off	Off	Off	Off
FF80h	Off	Off	Off	Off	Off	Off
FFA0h	Off	Off	Off	Off	Off	Off
FFC0h	Off	Off	Off	Off	Off	Off
FFE0h	Off	Off	Off	Off	Off	Off

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BASE I/O ADDRESS SELECTION (CON'T)					
Setting	SW1/7	SW1/8	SW2/1	SW2/2	SW2/3
0000h	On	On	On	On	On
0020h	On	On	On	On	Off
0040h	On	On	On	Off	On
0060h	On	On	On	Off	Off
0080h	On	On	Off	On	On
i 0320h	Off	Off	On	On	Off
FF60h	Off	Off	On	Off	Off
FF80h	Off	Off	Off	On	On
FFA0h	Off	Off	Off	On	Off
FFC0h	Off	Off	Off	Off	On
FFE0h	Off	Off	Off	Off	Off

Note: A total of 4096 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 SW2/3 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, SW1/7=512, SW1/8=256, SW2/1=128, SW2/2=64, SW2/3=32. Turn off the switches and add the values of the switches that are off to obtain the correct memory address. (Off=1, On=0)

SERIAL PORT CONFIGURATION					
Port 1	Port 2	Port 3	Port 4	S2/6	S2/7
Enabled	Disabled	Disabled	Disabled	On	On
Enabled	Enabled	Disabled	Disabled	On	Off
Enabled	Enabled	Enabled	Disabled	Off	On
Enabled	Enabled	Enabled	Enabled	Off	Off

SERIAL PORT INTERRUPT SELECTION						
Setting	JP1/A	JP1/B	JP1/C	JP1/D	JP1/E	JP1/F
IRQ2/9	Open	Open	Open	Open	Open	Open
IRQ3	Open	Open	Open	Open	Open	Open
IRQ4	Open	Open	Open	Open	Open	Open
IRQ5	Open	Open	Open	Open	Open	Open
IRQ6	Open	Open	Open	Open	Open	Open
IRQ7	Open	Open	Open	Open	Open	Open
IRQ10	Open	Open	Open	Open	Open	Closed
IRQ11	Open	Open	Open	Open	Closed	Open
IRQ12	Open	Open	Open	Closed	Open	Open
IRQ14	Open	Open	Closed	Open	Open	Open
IRQ15	Open	Closed	Open	Open	Open	Open
i Shared	Closed	Open	Open	Open	Open	Open
Disabled	Open	Open	Open	Open	Open	Open

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SERIAL PORT INTERRUPT SELECTION (CON'T)						
Setting	JP1/G	JP1/H	JP1/I	JP1/J	JP1/K	JP1/L
IRQ2/9	Open	Open	Open	Open	Open	Closed
IRQ3	Open	Open	Open	Open	Closed	Open
IRQ4	Open	Open	Open	Closed	Open	Open
IRQ5	Open	Open	Closed	Open	Open	Open
IRQ6	Open	Closed	Open	Open	Open	Open
IRQ7	Closed	Open	Open	Open	Open	Open
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
í Shared	Open	Open	Open	Open	Open	Open
Disabled	Open	Open	Open	Open	Open	Open

Note: JP1 sets the address for port 1. The settings for JP2 through JP4 are identical and set the addresses for ports 2 through 4, respectively.

SHARED INTERRUPT SELECTION						
Setting	JP5/A	JP5/B	JP5/C	JP5/D	JP5/E	JP5/F
IRQ2/9	Open	Open	Open	Open	Open	Open
IRQ3	Open	Open	Open	Open	Open	Open
IRQ4	Open	Open	Open	Open	Open	Open
IRQ5	Open	Open	Open	Open	Open	Open
IRQ6	Open	Open	Open	Open	Open	Open
IRQ7	Open	Open	Open	Open	Open	Open
í IRQ10	Open	Open	Open	Open	Open	Closed
IRQ11	Open	Open	Open	Open	Closed	Open
IRQ12	Open	Open	Open	Closed	Open	Open
IRQ14	Open	Open	Closed	Open	Open	Open
IRQ15	Open	Closed	Open	Open	Open	Open
Disabled	Closed	Open	Open	Open	Open	Open

SHARED INTERRUPT SELECTION (CON'T)						
Setting	JP5/G	JP5/H	JP5/I	JP5/J	JP5/K	JP5/L
IRQ2/9	Open	Open	Open	Open	Open	Closed
IRQ3	Open	Open	Open	Open	Closed	Open
IRQ4	Open	Open	Open	Closed	Open	Open
IRQ5	Open	Open	Closed	Open	Open	Open
IRQ6	Open	Closed	Open	Open	Open	Open
IRQ7	Closed	Open	Open	Open	Open	Open
í 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
Disabled	Open	Open	Open	Open	Open	Open

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SERIAL PORT CLOCK SPEED				
Setting	Multiplier	JP6/A	JP6/B	JP6/C
1.8342MHz	1	Closed	Open	Open
3.6864MHz	2	Open	Closed	Open
7.3728MHz	4	Open	Open	Closed