MULTI-TECH SYSTEMS, INC.
A N 3 0 1 C X 1 6 / A N 3 0 1 C X B 1 6

NIC Type	ARCnet
Transfer Rate	2.5Mbps
Data Bus	8/16-bit ISA
Topology	Star (AN301CX16)
	Linear bus (AN301CXB16)
Wiring Type	RG-62A/U 93ohm coaxial
Boot ROM	Available
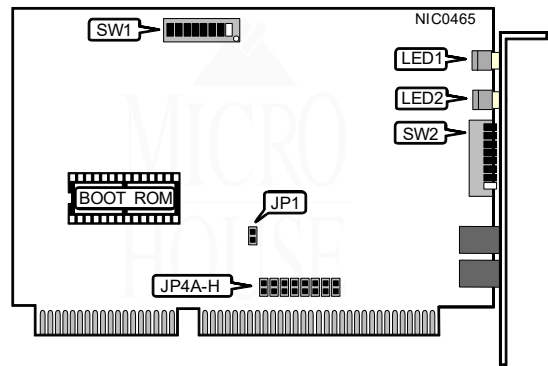
NODE ADDRESS								
Node	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6	SW2/7	SW2/8
0	-	-	-	-	-	-	-	-
1	Off	On	On	On	On	On	On	On
2	On	Off	On	On	On	On	On	On
3	Off	Off	On	On	On	On	On	On
4	On	On	Off	On	On	On	On	On
251	Off	Off	On	Off	Off	Off	Off	Off
252	On	On	Off	Off	Off	Off	Off	Off
253	Off	On	Off	Off	Off	Off	Off	Off
254	On	Off	Off	Off	Off	Off	Off	Off
255	Off	Off	Off	Off	Off	Off	Off	Off

Note: Node address 0 is used for messaging between nodes and must not be used.

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

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BOOT ROM	
Setting	J1
íDisabled	Open
Enabled	Closed

INTERRUPT REQUEST								
IRQ	JP4A	JP4B	JP4C	JP4D	JP4E	JP4F	JP4E	JP4F
í2/9	Open	Open	Open	Closed	Open	Open	Open	Open
3	Closed	Open	Open	Open	Open	Open	Open	Open
4	Open	Closed	Open	Open	Open	Open	Open	Open
5	Open	Open	Closed	Open	Open	Open	Open	Open
10	Open	Open	Open	Open	Closed	Open	Open	Open
11	Open	Open	Open	Open	Open	Closed	Open	Open
12	Open	Open	Open	Open	Open	Open	Closed	Open
15	Open	Open	Open	Open	Open	Open	Open	Closed

BASE MEMORY ADDRESS & BOOT ROM ADDRESS						
Base Address	Boot ROM Address	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5
C0000h	C2000h	Off	Off	Off	Off	Off
C4000h	C6000h	On	Off	Off	Off	Off
CC000h	CE000h	Off	On	Off	Off	Off
íD0000h	D2000h	On	On	Off	Off	Off
D4000h	D6000h	Off	Off	On	Off	Off
D8000h	DA000h	On	Off	On	Off	Off
DC000h	DE000h	Off	On	On	Off	Off
E0000h	E2000h	On	On	On	Off	Off

I/O BASE ADDRESS			
Address	SW1/6	SW1/7	SW1/8
260 - 26Fh	On	On	On
290 - 29Fh	On	On	Off
2E0 - 2EFh	On	Off	On
2F0 - 2FFh	On	Off	Off
300 - 30Fh	Off	On	On
350 - 35Fh	Off	On	Off
380 - 38Fh	Off	Off	On
3E0 - 3EFh	Off	Off	Off

DIAGNOSTIC LED(S)			
LED	Color	Status	Condition
LED1	Red	On	Card is active
LED1	Red	Off	No card activity
LED2	Green	On	Data is being transmitted
LED2	Green	Off	Data is not being transmitted