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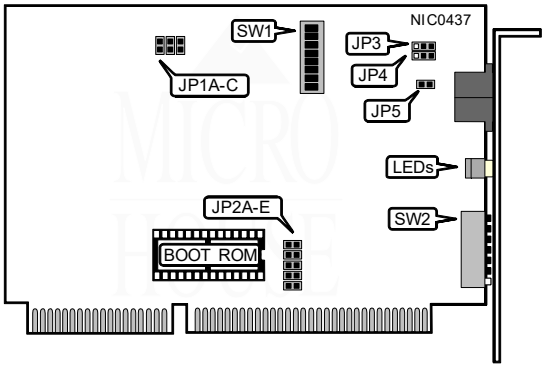
R A 2 3 2

NIC Type ARCnet
Transfer Rate 2.5Mbps
Data Bus 16-bit ISA
Topology Linear Bus
Wiring Type Unshielded twisted pair
Boot ROM Available



NODE ADDRESS								
Node	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6	SW2/7	SW2/8
0	-	-	-	-	-	-	-	-
1	On	On	On	On	On	On	On	Off
2	On	On	On	On	On	On	Off	On
3	On	On	On	On	On	On	Off	Off
4	On	On	On	On	On	Off	On	On
251	Off	Off	Off	Off	Off	On	Off	Off
252	Off	Off	Off	Off	Off	Off	On	On
253	Off	Off	Off	Off	Off	Off	On	Off
254	Off	Off	Off	Off	Off	Off	Off	On
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 repres ntation of the decimal node addresses. Switch 8 is the Least Significant Bit and switch 1 is the Most Significant Bit. The switches have the following decimal values: switch 1=128, 2=64, 3=32, 4=16, 5=8, =4, 7=2, 8=1. Turn off the switches and add the values of the off switches to obtain the correct node ad lress. (On=0, Off=1)

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XINETRON, INC.
R A 2 3 2

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COMPATIBILITY MODE	
Setting	JP1A
íDisabled	Open
Enabled	Closed

Note: Some systems use non-standard timing. This option attempts to make those systems work with this card by extending the I/O bus cycle If your system does not work with this card set this option to enabled (JP1 closed).

WAIT STATE	
Setting	JP1B
í0 wait states	Open
1 wait state	Closed

BOOT ROM	
Setting	JP1C
íDisabled	Open
Enabled	Closed

INTERRUPT REQUEST					
IRQ	JP2A	JP2B	JP2C	JP2D	JP2E
í2/9	Closed	Open	Open	Open	Open
3	Open	Closed	Open	Open	Open
4	Open	Open	Closed	Open	Open
5	Open	Open	Open	Closed	Open
7	Open	Open	Open	Open	Closed

TWISTED PAIR SELECT		
Setting	JP3	JP4
íInner pair	Pins 2 & 3 closed	Pins 2 & 3 closed
Outer pair	Pins 1 & 2 closed	Pins 1 & 2 closed

Note: If using the same wires for your phone system, the phone system must use one pair and the network must use the other pair.

ONBOARD TERMINATOR	
Setting	JP5
íDisabled	Open
Enabled	Closed

Note: If the card is on either end of a linear bus network segment, the onboard terminator may be used instead of using an external terminator.

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XINETRON, INC.
R A 2 3 2

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I/O BASE ADDRESS			
Address	SW1/1	SW1/2	SW1/3
260 - 26Fh	On	On	On
290 - 29Fh	On	On	Off
í2E0 - 2EFh	On	Off	On
2F0 - 2FFh	On	Off	Off
300 - 30Fh	Off	On	On
350 - 25Fh	Off	On	Off
380 - 38Fh	Off	Off	On
3E0 - 3EFh	Off	Off	Off

BUFFER ADDRESS & BOOT ROM ADDRESS						
Buffer Address	Boot ROM Address	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
C0000 - C07FFh	C2000 - C3FFFh	On	On	On	On	On
C0800 - C0FFFh	C2000 - C3FFFh	On	On	On	On	Off
C1000 - C17FFh	C2000 - C3FFFh	On	On	On	Off	On
C1800 - C1FFFh	C2000 - C3FFFh	On	On	On	Off	Off
C4000 - C47FFh	C6000 - C7FFFh	On	On	Off	On	On
C4800 - C4FFFh	C6000 - C7FFFh	On	On	Off	On	Off
C5000 - C57FFh	C6000 - C7FFFh	On	On	Off	Off	On
C5800 - C5FFFh	C6000 - C7FFFh	On	On	Off	Off	Off
CC000 - CC7FFh	CE000 - CFFFFh	On	Off	On	On	On
CC800 - CCFFFh	CE000 - CFFFFh	On	Off	On	On	Off
CD000 - CD7FFh	CE000 - CFFFFh	On	Off	On	Off	On
CD800 - CDFFFh	CE000 - CFFFFh	On	Off	On	Off	Off
D0000 - D07FFh	D2000 - D3FFFh	On	Off	Off	On	On
D0800 - D0FFFh	D2000 - D3FFFh	On	Off	Off	On	Off
D1000 - D17FFh	D2000 - D3FFFh	On	Off	Off	Off	On
D1800 - D1FFFh	D2000 - D3FFFh	On	Off	Off	Off	Off
D4000 - D47FFh	D6000 - D7FFFh	Off	On	On	On	On
D4800 - D4FFFh	D6000 - D7FFFh	Off	On	On	On	Off
D5000 - D57FFh	D6000 - D7FFFh	Off	On	On	Off	On
D5800 - D5FFFh	D6000 - D7FFFh	Off	On	On	Off	Off
D8000 - D87FFh	DA000 - DBFFFh	Off	On	Off	On	On
D8800 - D8FFFh	DA000 - DBFFFh	Off	On	Off	On	Off
D9000 - D97FFh	DA000 - DBFFFh	Off	On	Off	Off	On
D9800 - D9FFFh	DA000 - DBFFFh	Off	On	Off	Off	Off
DC000 - DC7FFh	DE000 - DFFFFh	Off	Off	On	On	On
DC800 - DCFFFh	DE000 - DFFFFh	Off	Off	On	On	Off
DD000 - DD7FFh	DE000 - DFFFFh	Off	Off	On	Off	On
DD800 - DDFFFh	DE000 - DFFFFh	Off	Off	On	Off	Off
E0000 - E07FFh	E2000 - E3FFFh	Off	Off	Off	On	On
E0800 - E0FFFh	E2000 - E3FFFh	Off	Off	Off	On	Off
E1000 - E17FFh	E2000 - E3FFFh	Off	Off	Off	Off	On
E1800 - E1FFFh	E2000 - E3FFFh	Off	Off	Off	Off	Off

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XINETRON, INC.
R A 2 3 2

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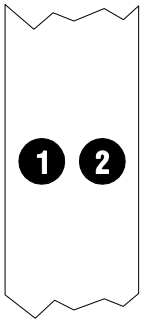

DIAGNOSTIC LED(S)			
LED	Color	Status	Condition
LED1	Yellow	Flashing	Data is being transmitted
LED1	Yellow	Off	Data is not being transmitted
LED2	Red	Slower Flashing	Network activity detected
LED2	Red	Rapid Blinking	Network connection is broken
LED2	Red	On	Network connection is good