EAGLE TECHNOLOGY
R X - N E T I I
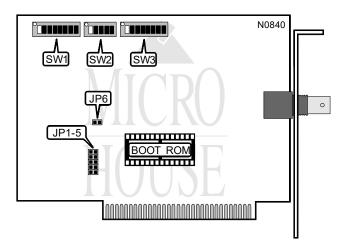
NIC Type   ARCnet
Transfer Rate   2.5Mbps
Data Bus   8-bit ISA
Topology   Star
Wiring Type   RG-62A/U 93ohm coaxial
Boot ROM   Available

NODE ADDRESS								
Node	SW3/1	SW3/2	SW3/3	SW3/4	SW3/5	SW3/6	SW3/7	SW3/8
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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INTERRUPT REQUEST					
IRQ	JP1	JP2	JP3	JP4	JP5
2	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

I/O BASE ADDRESS					
Address	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6
200h	Off	On	On	On	On	On
250h	Off	On	On	Off	On	Off
2A0h	Off	On	Off	On	Off	On
2E0h	Off	On	Off	Off	Off	On
2F0h	Off	On	Off	Off	Off	Off
300h	Off	Off	On	On	On	On
350h	Off	Off	On	Off	On	Off
3E0h	Off	Off	Off	Off	Off	Off

BUFFER ADDRESS					
Address	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6
C0000h	Off	Off	On	On	On	On
C4000h	Off	Off	On	On	On	Off
C8000h	Off	Off	On	On	On	On
CC000h	Off	Off	On	On	Off	Off
D0000h	Off	Off	On	Off	On	On
D4000h	Off	Off	On	Off	On	On
D8000h	Off	Off	On	Off	Off	On
DC000h	Off	Off	On	Off	Off	Off
E0000h	Off	Off	Off	On	On	On

FACTORY CONFIGURED SETTINGS	
Jumper/Switch	Setting
JP6	N/A
SW1/7	On
SW1/8	On