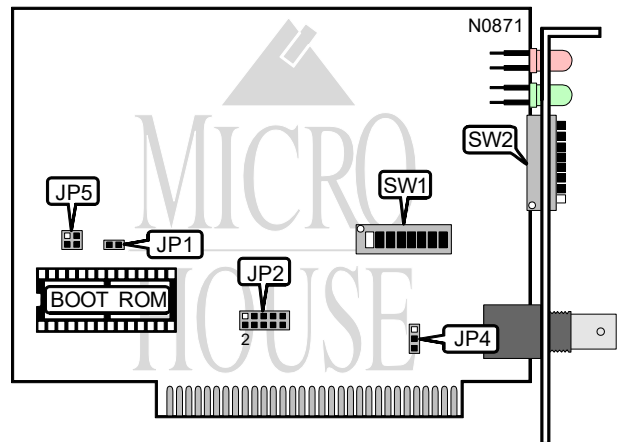


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CN120AB

NIC Type	ARCnet
Transfer Rate	2.5Mbps
Data Bus	8-bit ISA
Topology	Linear Bus
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	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1	On	Off	Off	Off	Off	Off	Off	Off
2	Off	On	Off	Off	Off	Off	Off	Off
3	On	On	Off	Off	Off	Off	Off	Off
4	Off	Off	On	Off	Off	Off	Off	Off
251	On	On	Off	On	On	On	On	On
252	Off	Off	On	On	On	On	On	On
253	On	Off	On	On	On	On	On	On
254	Off	On	On	On	On	On	On	On
255	On	On	On	On	On	On	On	On

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 on the switches and add the values of the on switches to obtain the correct node address. (On=1, Off=0)

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BOOT ROM	
Setting	JP1
Disabled	Open
Enabled	Closed

ONBOARD TERMINATOR	
Setting	JP4
Disabled	Pins 2 & 3 closed
Enabled	Pins 1 & 2 closed

INTERRUPT SELECTION	
IRQ	JP2
2/9	Pins 9 & 10 closed
3	Pins 7 & 8 closed
4	Pins 5 & 6 closed
5	Pins 3 & 4 closed
7	Pins 1 & 2 closed

BASE MEMORY ADDRESS & BOOT ROM ADDRESS						
Base Address	Boot ROM Address	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5
C0000h	C2000h	On	On	On	On	On
C4000h	C6000h	On	On	Off	On	On
CC000h	CE000h	On	On	On	Off	On
Disabled D0000h	D2000h	On	On	Off	Off	On
D4000h	D6000h	On	On	On	On	Off
D8000h	DA000h	On	On	Off	On	Off
DC000h	DE000h	On	On	On	Off	On
E0000h	E2000h	On	On	Off	Off	Off

I/O BASE ADDRESS			
Address	SW1/6	SW1/7	SW1/8
260h	On	On	On
290h	Off	On	On
Disabled 2E0h	On	Off	On
2F0h	Off	Off	On
300h	On	On	Off
350h	Off	On	Off
380h	On	Off	Off
3E0h	Off	Off	Off

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DIAGNOSTIC LED(S)			
LED	Color	Status	Condition
LED1	Red	Off	Power is not on
LED1	Red	Blinking	Network error
LED1	Red	On	Power is on
LED2	Green	Off	Data is not being transmitted/received
LED2	Green	On	Data is being transmitted/received