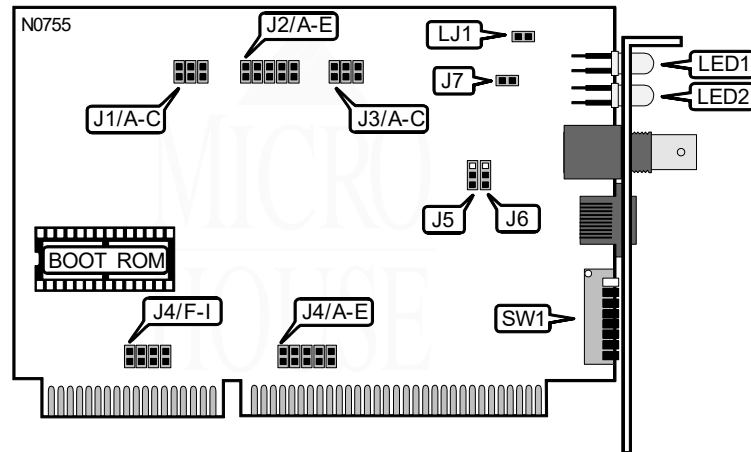


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NIC Type	ARCnet
Transfer Rate	2.5-Mbps
Data Bus	16-bit ISA
Topology	Linear bus, Star
Wiring Type	RG-58A/U 50ohm coaxial Unshielded twisted pair
Boot ROM	Available



BASE MEMORY ADDRESS SELECT					
Address	J2/A	J2/B	J2/C	J2/D	J2/E
C0000h	Closed	Closed	Closed	Closed	Closed
C4000h	Closed	Closed	Open	Closed	Closed
CC000h	Closed	Open	Closed	Closed	Closed
D0000h	Closed	Open	Open	Closed	Closed
D4000h	Open	Closed	Closed	Closed	Closed
D8000h	Open	Closed	Open	Closed	Closed
DC000h	Open	Open	Closed	Closed	Closed
E0000h	Open	Open	Open	Closed	Closed

BOOT ROM	
Setting	J1/C
Disabled	Open
Enabled	Closed

CABLE TYPE		
Type	J5	J6
RG-58A/U 50ohm coaxial	Pins 1 & 2 closed	Pins 1 & 2 closed
Unshielded twisted pair	Pins 2 & 3 closed	Pins 2 & 3 closed

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INTERRUPT SELECT									
IRQ	J4/A	J4/B	J4/C	J4/D	J4/E	J4/F	J4/G	J4/H	J4/I
IRQ2	Closed	Open	Open	Open	Open	Open	Open	Open	Open
IRQ3	Open	Closed	Open	Open	Open	Open	Open	Open	Open
IRQ4	Open	Open	Closed	Open	Open	Open	Open	Open	Open
IRQ5	Open	Open	Open	Closed	Open	Open	Open	Open	Open
IRQ7	Open	Open	Open	Open	Closed	Open	Open	Open	Open
IRQ10	Open	Open	Open	Open	Open	Open	Open	Open	Closed
IRQ11	Open	Open	Open	Open	Open	Open	Open	Closed	Open
IRQ12	Open	Open	Open	Open	Open	Open	Closed	Open	Open
IRQ15	Open	Open	Open	Open	Open	Closed	Open	Open	Open

I/O ADDRESS SELECT			
Address	J3/A	J3/B	J3/C
260h	Closed	Closed	Closed
290h	Closed	Closed	Open
2E0h	Closed	Open	Closed
2F0h	Closed	Open	Open
300h	Open	Closed	Closed
350h	Open	Closed	Open
380h	Open	Open	Closed
3E0h	Open	Open	Open

NODE ADDRESS								
Node	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
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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TIMEOUT CONFIGURATION		
Response Time	J1/A	J1/B
174.7 μ s	Open	Open
283.4 μ s	Open	Closed
561.8 μ s	Closed	Open
1118.6 μ s	Closed	Closed
Note: Timeout is the time required for the network signal to make a complete trip around the network. Using a longer than necessary timeout will result in degradation of network performance.		

TOPOLOGY	
Type	J7
Star	Closed
Linear bus	Open

CONNECTIONS	
Purpose	Location
External LED connector	LJ1

DIAGNOSTIC LEDS			
LED	Color	Status	Condition
LED1	Red	Blinking	Network connection is broken
LED1	Red	On	Network connection is good
LED2	Green	Off	Data is not being transmitted/received
LED2	Green	On	Data is being transmitted/received