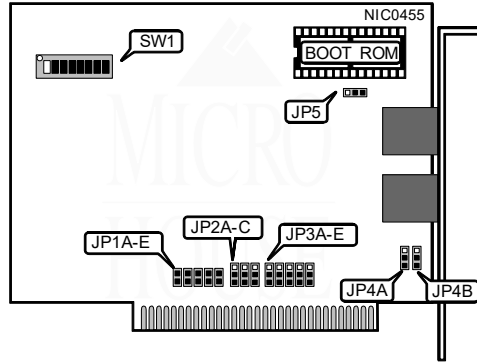


D-LINK  
DA-120

**NIC Type** ARCnet  
**Transfer Rate** 2.5Mbps  
**Data Bus** 8-bit ISA  
**Topology** Linear Bus  
**Wiring Type** Unshielded twisted pair  
**Boot ROM** Available



NODE ADDRESS								
Node	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
0	-	-	-	-	-	-	-	-
1	Off	Off	Off	Off	Off	Off	Off	On
2	Off	Off	Off	Off	Off	Off	On	Off
3	Off	Off	Off	Off	Off	Off	On	On
4	Off	Off	Off	Off	Off	On	Off	Off
251	On	On	On	On	On	Off	On	On
252	On	On	On	On	On	On	Off	Off
253	On	On	On	On	On	On	Off	On
254	On	On	On	On	On	On	On	Off
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=128, 2=64, 3=32, 4=16, 5=8, 6=4, 7=2, 8=1. 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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INTERRUPT REQUEST					
IRQ	JP1A	JP1B	JP1C	JP1D	JP1E
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	JP2A	JP2B	JP2C
260h	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
290h	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
i2E0h	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
300h	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
350h	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
380h	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
3E0h	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed

RESPONSE TIMEOUTS		
Response Time	JP4A	JP4B
78µs	Pins 1 & 2 closed	Pins 1 & 2 closed
285µs	Pins 1 & 2 closed	Pins 2 & 3 closed
563µs	Pins 2 & 3 closed	Pins 1 & 2 closed
1130µs	Pins 2 & 3 closed	Pins 2 & 3 closed

Note: All NICs on the network segment must have this option set the same.

BOOT ROM	
Setting	JP5
Disabled	Pins 2 & 3 closed
Enabled	Pins 1 & 2 closed

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BASE MEMORY ADDRESS & BOOT ROM ADDRESS						
Base	Boot ROM	JP3A	JP3B	JP3C	JP3D	JP3E
C0000h	C2000h	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3
C0800h	C2000h	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3
C1000h	C2000h	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3
C1800h	C2000h	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3
C4000h	C6000h	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
C4800h	C6000h	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
C5000h	C6000h	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
C5800h	C6000h	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3
CC000h	CE000h	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3
CC800h	CE000h	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3
CD000h	CE000h	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3
CD800h	CE000h	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3
D0000h	D2000h	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
D0800h	D2000h	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
D1000h	D2000h	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
D1800h	D2000h	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3
D4000h	D6000h	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2
D4800h	D6000h	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2
D5000h	D6000h	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2
D5800h	D6000h	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2
D8000h	DA000h	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
D8800h	DA000h	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
D9000h	DA000h	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
D9800h	DA000h	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2
DC000h	DE000h	Pins 2 & 3	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2
DC800h	DE000h	Pins 1 & 2	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2
DD000h	DE000h	Pins 2 & 3	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2
DD800h	DE000h	Pins 1 & 2	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2
E0000h	E2000h	Pins 2 & 3	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
E0800h	E2000h	Pins 1 & 2	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
E1000h	E2000h	Pins 2 & 3	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
E1800h	E2000h	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2

Note: Pins designated should be in the closed position.