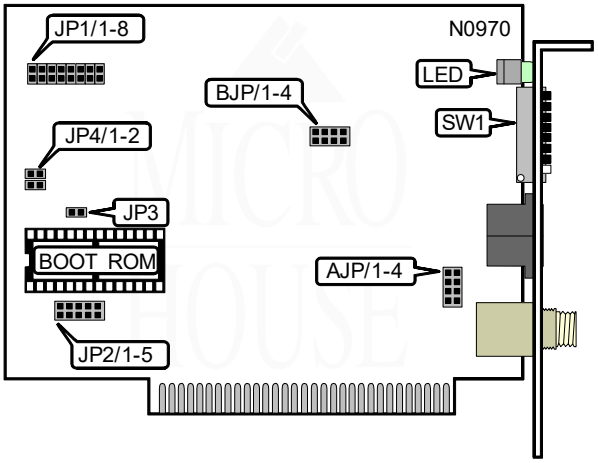
EDIMAX COMPUTER COMPANY
AL-3351 REV.3.00

NIC Type	Arcrnet
Transfer Rate	2.5Mbps
Data Bus	8-bit ISA
Topology	Linear Bus Star
Wiring Type	RG-62A/U 93ohm coaxial Unshielded twisted pair
Boot ROM	Available



NODE ID 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 repres ntation 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 ac lress. (On=0, Off=1)

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TOPOLOGY/CABLE TYPE				
Type	BJP/1	BJP/2	BJP/3	BJP/4
Star/BNC	Open	Open	Open	Closed
Bus/BNC	Open	Open	Closed	Open
Star/UTP	Closed	Closed	Open	Open

BASE MEMORY ADDRESS & BOOT ROM ADDRESS						
Base Address	Boot ROM	JP1/1	JP1/2	JP1/3	JP1/4	JP1/5
D0000-D07FFh	D2000-D3FFFh	Closed	Closed	Open	Open	Closed
C0000-C07FFh	C2000-C3FFFh	Closed	Closed	Closed	Closed	Closed
C0800-C0FFFh	C2000-C3FFFh	Open	Closed	Closed	Closed	Closed
C1000-C17FFh	C2000-C3FFFh	Closed	Open	Closed	Closed	Closed
C1800-C1FFFh	C2000-C3FFFh	Open	Open	Closed	Closed	Closed
C4000-C47FFh	C6000-C7FFFh	Closed	Closed	Open	Closed	Closed
C4800-C4FFFh	C6000-C7FFFh	Open	Closed	Open	Closed	Closed
C5000-C57FFh	C6000-C7FFFh	Closed	Open	Open	Closed	Closed
C5800-C5FFFh	C6000-C7FFFh	Open	Open	Open	Closed	Closed
CC000-CC7FFh	CE000-CFFFFh	Closed	Closed	Closed	Open	Closed
CC800-CCFFFh	CE000-CFFFFh	Open	Closed	Closed	Open	Closed
CD000-CD7FFh	CE000-CFFFFh	Closed	Open	Closed	Open	Closed
CD800-CDFFFh	CE000-CFFFFh	Open	Open	Closed	Open	Closed
D0800-D0FFFh	D2000-D3FFFh	Open	Closed	Open	Open	Closed
D1000-D17FFh	D2000-D3FFFh	Closed	Open	Open	Open	Closed
D1800-D1FFFh	D2000-D3FFFh	Open	Open	Open	Open	Closed
D4000-D47FFh	D6000-D7FFFh	Closed	Closed	Closed	Closed	Open
D4800-D4FFFh	D6000-D7FFFh	Open	Closed	Closed	Closed	Open
D5000-D57FFh	D6000-D7FFFh	Closed	Open	Closed	Closed	Open
D5800 D5FFFh	D6000-D7FFFh	Open	Open	Closed	Closed	Open
D8000-D87FFh	DA000-DBFFFh	Closed	Closed	Open	Closed	Open
D8800-D8FFFh	DA000-DBFFFh	Open	Closed	Open	Closed	Open
D9000-D97FFh	DA000-DBFFFh	Closed	Open	Open	Closed	Open
D9800-D9FFFh	DA000-DBFFFh	Open	Open	Open	Closed	Open
DC000-DC7FFh	DE000-DFFFFh	Closed	Closed	Closed	Open	Open
DC800-DCFFFh	DE000-DFFFFh	Open	Closed	Closed	Open	Open
DD000-DD7FFh	DE000-DFFFFh	Closed	Open	Closed	Open	Open
DD800-DDFFFh	DE000-DFFFFh	Open	Open	Closed	Open	Open
E0000-E07FFh	E2000-E3FFFh	Closed	Closed	Open	Open	Open
E0800-E0FFFh	E2000-E3FFFh	Open	Closed	Open	Open	Open
E1000-E17FFh	E2000-E3FFFh	Closed	Open	Open	Open	Open
E1800-E1FFFh	E2000-E3FFFh	Open	Open	Open	Open	Open

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I/O BASE ADDRESS			
Address	JP1/6	JP1/7	JP1/8
2E0-2EFh	Closed	Open	Closed
260-26Fh	Closed	Closed	Closed
290-29Fh	Open	Closed	Closed
2F0-2EFh	Open	Open	Closed
300-30Fh	Closed	Closed	Open
350-35Fh	Open	Closed	Open
380-38Fh	Closed	Open	Open
3E0-3EFh	Open	Open	Open

RESPONSE AND RECONFIGURATION TIMEOUTS				
Response Time	Idle Time	Reconfiguration Time	JP4/1	JP4/2
78μs	86μs	840ms	Open	Open
285μs	316μs	1680ms	Open	Closed
563μs	624μs	1680ms	Closed	Open
1130μs	1237μs	1680ms	Closed	Closed
Note: All NICs on the network segment must have this option set the same.				

ONBOARD TERMINATOR				
Terminator	AJP/1	AJP/2	AJP/3	AJP/4
Coaxial Bus Terminated	Open	Closed	Open	Closed
Twisted Pair Terminated	Closed	Open	Closed	Open

BOOT ROM	
Setting	JP3
Disabled	Open
Enabled	Closed

INTERRUPT REQUEST					
IRQ	JP2/1	JP2/2	JP2/3	JP2/4	JP2/5
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

DIAGNOSTIC LED(S)			
LED	Color	Status	Condition
LED1	Green	Blinking	Data is being transmitted/received
LED1	Green	Off	Data is not being transmitted/received