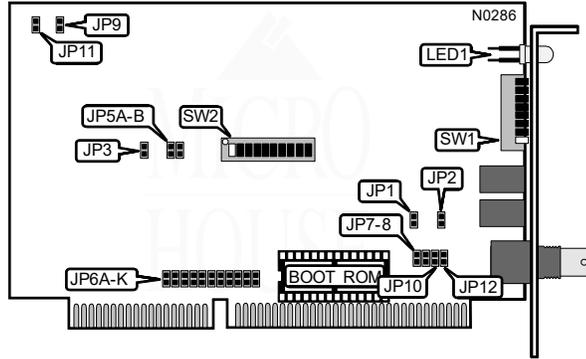


**EDIMAX COMPUTER COMPANY**  
**AL - 3353 / AL - 3354**

**NIC Type** ARCnet  
**Transfer Rate** 2.5Mbps  
**Data Bus** 16-bit ISA  
**Topology** Star  
 Linear Bus  
**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						
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						
255	Off							

Notes: 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)

CABLE TYPE & TOPOLOGY					
Type	Topology	JP7	JP8	JP10	JP12
Coaxial	Star	Closed	Open	Open	Open
Coaxial	Linear Bus	Open	Closed	Open	Open
Twisted pair	Star	Open	Open	Closed	Closed
Twisted pair	Linear Bus	Open	Open	Closed	Closed

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BASE MEMORY ADDRESS					
Address	JP5A & JP5B	SW2/7	SW2/8	SW2/9	SW2/10
C000h	Closed	Off	Off	On	On
CC00h	Open	Off	Off	On	On
D000h	Closed	Off	Off	On	Off
DC00h	Open	Off	Off	On	Off
E000h	Closed	Off	Off	Off	On

INTERRUPT SETTINGS											
IR Q	JP6A	JP6B	JP6C	JP6D	JP6E	JP6F	JP6G	JP6H	JP6I	JP6J	JP6K
2	Open	Open	Open	Open	Open	Closed	Open	Open	Open	Open	Open
3	Closed	Open									
4	Open	Closed	Open								
5	Open	Open	Closed	Open							
6	Open	Open	Open	Closed	Open						
7	Open	Open	Open	Open	Closed	Open	Open	Open	Open	Open	Open
10	Open	Open	Open	Open	Open	Open	Closed	Open	Open	Open	Open
11	Open	Closed	Open	Open	Open						
12	Open	Closed	Open	Open							
14	Open	Closed	Open								
15	Open	Closed									

RESPONSE AND RECONFIGURATION TIMEOUTS				
Response Time	Idle Time	Reconfiguration Time	JP9	JP11
178µs	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.

I/O BASE ADDRESS						
Address	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6
i2E0h	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

**EDIMAX COMPUTER COMPANY**  
**AL - 3353/54**

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

MISCELLANEOUS NOTES
The AL-3353 and the AL-3354 have different transceivers. As a result the AL-3353 should only be operated in a coaxial star configuration, while the AL-3354 will operate in a coaxial bus, a coaxial star, a twisted pair bus or a twisted pair star configuration.