TIARA COMPUTER SYSTEMS, INC.
LanCard A-286/LanCard A-286 HiZ

NIC Type	ARCnet
Transfer Rate	2.5Mbps
Data Bus	8-bit ISA
Topology	Star (A-286)
	Linear Bus (A-286 HiZ only)
Wiring Type	RG-62A/U 93ohm coaxial (A-286 or A-286 HiZ)
	RG-58A/U 50ohm coaxial (A-286 HiZ only)
Boot ROM	Available
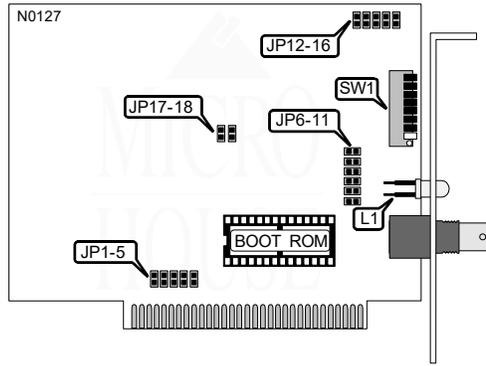
NODE ADDRESS								
Node	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
0	-	-	-	-	-	-	-	-
1	On	On	On	On	On	On	On	Off
2	On	On	On	On	On	On	Off	On
3	On	On	On	On	On	On	Off	Off
4	On	On	On	On	On	Off	On	On
251	Off	Off	Off	Off	Off	On	Off	Off
252	Off	Off	Off	Off	Off	Off	On	On
253	Off	Off	Off	Off	Off	Off	On	Off
254	Off	Off	Off	Off	Off	Off	Off	On
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 8=1, 7=2, 6=4, 5=8, 4=16, 3=32 2=64, 1=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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DIAGNOSTIC LED(S)		
LED	Status	Condition
L1	Off	Data is not being transmitted
L1	Blinking	Card is reconfiguring
L1	On	Card is operating normally on the network
Note: If either of the first two conditions persists, a hardware failure exists.		

INTERRUPT REQUEST					
IRQ	JP1	JP2	JP3	JP4	JP5
í2	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	JP6	JP7	JP8	JP9	JP10	JP11
í2E0h	Open	Closed	Open	Open	Open	Closed
280h	Open	Closed	Open	Closed	Closed	Closed
2F0h	Open	Closed	Open	Open	Open	Open
300h	Open	Open	Closed	Closed	Closed	Closed

BOOT ROM ADDRESS					
Address	JP12	JP13	JP14	JP15	JP16
íD0OOh	Open	Open	Closed	Open	Closed
C0OOh	Open	Open	Closed	Closed	Closed
C8OOh	Open	Open	Closed	Closed	Open
D8OOh	Open	Open	Closed	Open	Open

RESPONSE/RECONFIGURATION TIMEOUTS				
Distance	Response Time	Reconfiguration	JP17	JP18
í4.8 miles	74.7µs	840ms	Open	Open
21.0 miles	263.4µs	1680ms	Closed	Open
42.5 miles	561.8µs	1680ms	Open	Closed
85.6 miles	1118.6µs	1680ms	Closed	Closed
Note: The distance given is the maximum distance between the two furthest nodes on the network.				