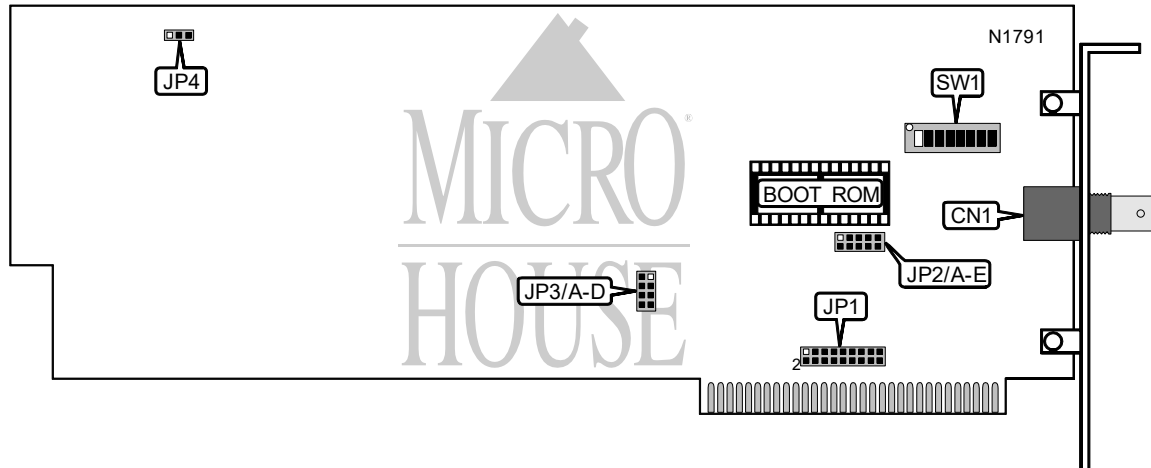


ORCHID TECHNOLOGY PCNET (REV. D)

NIC Type	Unidentified
Network Transfer Rate	Unidentified
Data Bus	8-bit ISA
Topology	Linear Bus
Wiring Type	RG-11A/U 75ohm coaxial RG-59B/U 75ohm coaxial
Boot ROM	Available



CONNECTIONS	
Function	Label
RG-11A/U or RG-59B/U 75ohm coaxial connector	CN1

USER CONFIGURABLE SETTINGS		
Setting	Label	Position
Tri-state disabled	JP4	Pins 2 & 3 closed
Tri-state enabled	JP4	Pins 1 & 2 closed

INTERRUPT	
Setting	JP1
IRQ2	Pins 9 & 10 closed
IRQ3	Pins 7 & 8 closed
IRQ4	Pins 4 & 7 closed
IRQ5	Pins 6 & 7 closed
Note: The settings for IRQ4 and IRQ5 may only be set with a wire-wrapping tool.	

DMA CHANNEL	
Setting	JP1
DMA1	Pins 11 & 12, 13 & 14 closed
DMA3	Pins 15 & 16, 17 & 18 closed

Continued on next page. . .

ORCHID TECHNOLOGY PCNET (REV. D)

... continued from previous page

BASE I/O ADDRESS				
Setting	JP3/A	JP3/B	JP3/C	JP3/D
280h	Open	Closed	Open	Closed
290h	Closed	Open	Open	Closed
380h	Open	Closed	Closed	Open
390h	Closed	Open	Closed	Open

BOOT ROM ADDRESS					
Setting	JP2/A	JP2/B	JP2/C	JP2/D	JP2/E
D0000h	Closed	Open	Open	Open	Open
D2000h	Open	Closed	Open	Open	Open
D4000h	Open	Open	Closed	Open	Open
D6000h	Open	Open	Open	Closed	Open
Disabled	Open	Open	Open	Open	Closed

NODE ADDRESS								
Setting	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
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
5	Off	Off	Off	Off	Off	On	Off	On
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: A total of 255 node address settings are available. The switches are a binary representation of the decimal node addresses. SW1/1 is the Most Significant Bit and switch SW1/8 is the Least Significant Bit. The switches have the following decimal values: SW1/1=128, SW1/2=64, SW1/3=32, SW1/4=16, SW1/5=8, SW1/6=4, SW1/7=2, SW1/8=1. Turn off the switches and add the values of the switches that are off to obtain the correct node ID. (Off=0, On=1)
Node address 0 is reserved and should not be used.