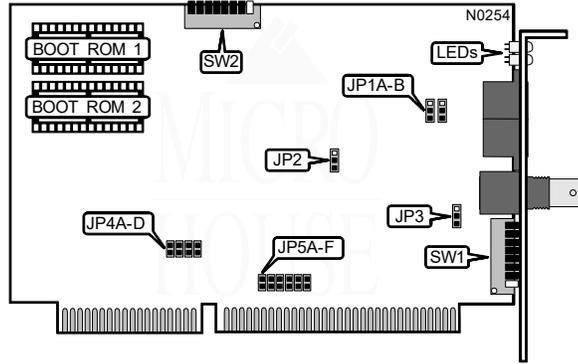


PURE DATA LTD.
PDI515

NIC Type ARCnet
Transfer Rate 2.5Mbps
Data Bus 16-bit ISA
Topology Star
 Linear Bus
Wiring Type RG-62A/U 93ohm coaxial
 Shielded/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	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	On						
255	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 8 is the Least Significant Bit and switch 1 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)

MEMORY ADDRESS MODE	
Mode	SW2/1
16-bit memory addressing mode	On
8-bit memory addressing mode	Off

Note: Two boot ROMs must be installed for 16-bit memory addressing mode.

Continued on next page . . .

COMPATABILITY MODE	
Mode	SW2/2
iNormal	Off
Special	On

BASE MEMORY ADDRESS			
Address	SW2/3	SW2/4	SW2/5
C0000 - C3FFFh	On	On	On
C4000 - C7FFFh	On	On	Off
CC000 - CFFFFh	On	Off	On
D0000 - D3FFFh	On	Off	Off
D4000 - D7FFFh	Off	On	On
D8000 - DBFFFh	Off	On	Off
DC000 - DFFFFh	Off	Off	On

I/O BASE ADDRESS			
Address	SW2/6	SW2/7	SW2/8
260h	On	On	On
290h	On	On	Off
2E0h	On	Off	On
2F0h	On	Off	Off
300h	Off	On	On
350h	Off	On	Off
380h	Off	Off	On
3E0h	Off	Off	Off

CABLE TYPE	
Type	JP1A & JP1B
iShielded/Unshielded twisted pair	Pins 1 & 2 Closed
RG-62A/U 93ohm coaxial	Pins 2 & 3 Closed

MEMORY MODE	
Mode	JP2
iShared Memory mode enabled	Pins 2 & 3 Closed
Mapped I/O mode enabled	Pins 1 & 2 Closed
Note: When Mapped I/O mode is enabled, SW2/1 (Memory address mode) must be in 8-bit mode (off).	

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PDI515

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TOPOLOGY CONFIGURATION	
Topology	JP3
iStar Topology	Pins 1 & 2 Closed
Bus Topology	Pins 2 & 3 Closed

INTERRUPT REQUEST										
IRQ	JP4A	JP4B	JP4C	JP4D	JP5A	JP5B	JP5C	JP5D	JP5E	JP5F
2	Open	Open	Open	Open	Closed	Open	Open	Open	Open	Open
3	Open	Open	Open	Open	Open	Closed	Open	Open	Open	Open
4	Open	Open	Open	Open	Open	Open	Closed	Open	Open	Open
5	Open	Closed	Open	Open						
6	Open	Closed	Open							
7	Open	Closed								
10	Closed	Open								
11	Open	Closed	Open							
12	Open	Open	Closed	Open						
15	Open	Open	Open	Closed	Open	Open	Open	Open	Open	Open

DIAGNOSTIC LED(S)		
Color	Status	Condition
Red	Flasing on power-up	Card is performing a self-test
Red	On	I/O bus activity detected
Red	Off	No I/O bus activity detected
Green	On	Data is being transmitted or receiving
Green	Blinking	Card is not connected to network or network not active