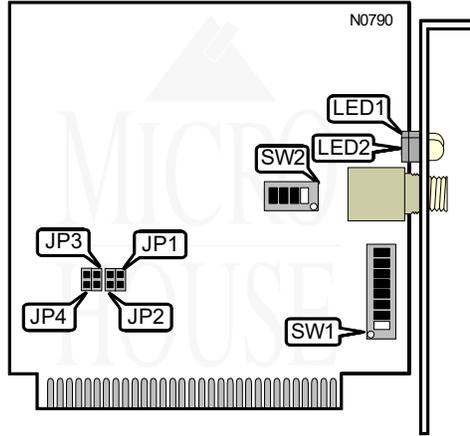


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LAVA ARCLINK

NIC Type ARCnet
Transfer Rate 2.5Mbps
Data Bus 8-bit ISA
Topology Linear bus
Wiring Type RG62A/U 93ohm coaxial
Boot ROM N/A



NODE ADDRESS								
Node	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
0	-	-	-	-	-	-	-	-
1	On	Off						
2	Off	On						
255	Off							

Note: Node address 0 is reserved 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 most significant bit and switch 8 the least significant bit. The switches have the following decimal values: switch 1=128, switch 2=64, switch 3=32, switch 4=16, switch 5=8, switch 6=4, switch 7=2, switch 8=1. Turn Off the appropriate switches and add the values of the 'off' switches to obtain the correct node address.

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BASE MEMORY SELECT	
Address	SW2/1
E000h	On
D000h	Off

I/O ADDRESS SELECT		
Address	SW2/2	SW2/3
2E0h	On	On
2A0h	On	Off
3E0h	Off	On
3A0h	Off	Off

FACTORY CONFIGURED SETTING	
Switch	Setting
SW2/4	N/A

INTERRUPT SELECT				
IRQ	JP1	JP2	JP3	JP4
IRQ3	Open	Closed	Open	Open
IRQ2	Open	Open	Open	Closed
IRQ4	Closed	Open	Open	Open
IRQ5	Open	Open	Closed	Open

DIAGNOSTICS LEDES			
LED	Color	Status	Condition
LED1	Red	On	Accessing on board memory or I/O
LED1	Red	Blinking	System power up
LED1	Red	On	Transferring to and from the network
LED2	Green	On	Transmitting to another node
LED2	Green	Blinking	No node is accessible
LED2	Green	On	Coax Cable connected to a active network

Note: LED2 will blink at a rate based on the NODE address. If the NODE address is low, LED2 will blink at a slow rate. If the NODE address is above 128 then, LED2 will blink at a rate too high to be seen by the human eye.