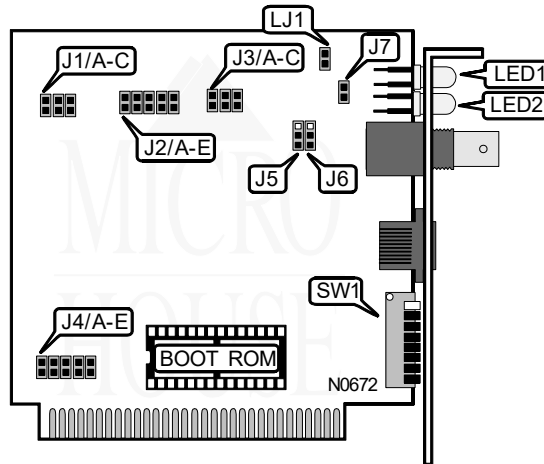


COMPEX, INC. ANET-1A/ANET-1 (REVISION K)

NIC Type	ARCnet
Transfer Rate	2.5Mbps
Data Bus	8-bit ISA
Topology	Linear bus
	Star
Wiring Type	Unshielded twisted pair
	RG58A/U 50ohm coaxial
Boot ROM	Available



BASE MEMORY ADDRESS SELECT					
Address	J2/A	J2/B	J2/C	J2/D	J2/E
0000h	Closed	Open	Open	Closed	Closed
0000h	Closed	Closed	Closed	Closed	Closed
0000h	Closed	Closed	Open	Closed	Closed
0000h	Closed	Open	Closed	Closed	Closed
0000h	Open	Closed	Closed	Closed	Closed
0000h	Open	Closed	Open	Closed	Closed
0000h	Open	Open	Closed	Closed	Closed
0000h	Open	Open	Open	Closed	Closed

BOOT ROM	
Setting	J1/C
Disabled	open
Enabled	closed

Continued on next page . . .

COMPEX, INC.

ANET-1A/ANET-1(REVISION K)

... continued from previous page

CABLE TOPOLOGY	
Setting	J7
í Star	Closed
Linear bus	Open

CABLE TYPE		
Type	J5	J6
í RG58A/U 50ohm coaxial	Pins 1 & 2 closed	Pins 1 & 2 closed
Unshielded twisted pair	Pins 2 & 3 closed	Pins 2 & 3 closed

CONNECTIONS	
Purpose	Location
External LED connector	LJ1

INTERRUPT SELECT					
IRQ	J4/A	J4/B	J4/C	J4/D	J4/E
í IRQ2	Closed	Open	Open	Open	Open
IRQ3	Open	Closed	Open	Open	Open
IRQ4	Open	Open	Closed	Open	Open
IRQ5	Open	Open	Open	Closed	Open
IRQ7	Open	Open	Open	Open	Closed

I/O ADDRESS SELECT			
Address	J3/A	J3/B	J3/C
í 2E0h	Closed	Open	Closed
260h	Closed	Closed	Closed
290h	Closed	Closed	Open
2F0h	Closed	Open	Open
300h	Open	Closed	Closed
350h	Open	Closed	Open
380h	Open	Open	Closed
3E0h	Open	Open	Open

Continued on next page ...

COMPEX, INC.
ANET-1A/ANET-1 (REVISION K)

... continued from previous page

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

TIMEOUT CONFIGURATION		
Response Time	J1/A	J1/B
74.7μs	open	open
283.4μs	open	closed
561.8μs	closed	open
1118.6μs	closed	closed

DIAGNOSTIC LED			
LED	Color	Status	Condition
LED1	Green	On	Data is being received
LED1	Green	Off	Data is not being received
LED2	Red	Blinking	Network connection is broken
LED2	Red	On	Network connection is good