LONGSHINE MICROSYSTEM, INC.
L C S - 8 6 3 0 (R E V I S I O N B 1)

NIC Type	ARCnet
Transfer Rate	2.5Mbps
Data Bus	8-bit ISA
Topology	Linear/Star
Wiring Type	RG62A/U 93ohm coaxial
Boot ROM	Available
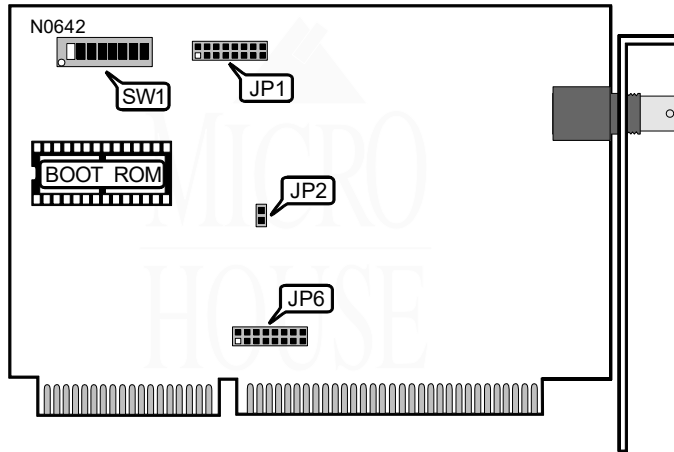
BASE I/O ADDRESS			
Address range	JP1/6	JP1/7	JP1/8
260h - 26Fh	Closed	Closed	Closed
290h - 29Fh	Open	Closed	Closed
2E0h - 2EFh	Closed	Open	Closed
2F0h - 2FFh	Open	Open	Closed
300h - 30Fh	Closed	Closed	Open
350h - 35Fh	Open	Closed	Open
380h - 38Fh	Closed	Open	Open
3E0h - 3EFh	Open	Open	Open

BOOT ROM	
Setting	JP2
í Disabled	Open
Enabled	Closed

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BASE MEMORY ADDRESS						
RAM Address range	PROM address range	JP1/1	JP1/2	JP1/3	JP1/4	JP1/5
C:0000h - C:07FFh	C:2000h - C:2FFFh	Closed	Closed	Closed	Closed	Closed
C:0800h - C:0FFFh	C:2000h - C:2FFFh	Open	Closed	Closed	Closed	Closed
C:1000h - C:17FFh	C:2000h - C:2FFFh	Closed	Open	Closed	Closed	Closed
C:1800h - C:1FFFh	C:2000h - C:2FFFh	Open	Open	Closed	Closed	Closed
C:4000h - C:47FFh	C:6000h - C:7FFFh	Closed	Closed	Open	Closed	Closed
C:4800h - C:4FFFh	C:6000h - C:7FFFh	Open	Closed	Open	Closed	Closed
C:5000h - C:57FFh	C:6000h - C:7FFFh	Closed	Open	Open	Closed	Closed
C:5800h - C:5FFFh	C:6000h - C:7FFFh	Open	Open	Open	Closed	Closed
C:C000h - C:C7FFh	C:E000h - C:FFFFh	Closed	Closed	Closed	Open	Closed
C:C800h - C:CFFFh	C:E000h - C:FFFFh	Open	Closed	Closed	Open	Closed
C:D000h - C:D7FFh	C:E000h - C:FFFFh	Closed	Open	Closed	Open	Closed
C:0000h - C:DFFFh	C:E000h - C:FFFFh	Open	Open	Closed	Open	Closed
D: 0000h - D:07FFh	D:2000h - D:3FFFh	Closed	Closed	Open	Open	Closed
D: 0800h - D:0FFFh	D:2000h - D:3FFFh	Open	Closed	Open	Open	Closed
D:1000h - D:17FFh	D:2000h - D:3FFFh	Closed	Open	Open	Open	Closed
D:1800h - D:1FFFh	D:2000h - D:3FFFh	Open	Open	Open	Open	Closed
D:4000h - D:47FFh	D:6000h - D:7FFFh	Closed	Closed	Closed	Closed	Open
D:4800h - D:4FFFh	D:6000h - D:7FFFh	Open	Closed	Closed	Closed	Open
D:5000h - D:57FFh	D:6000h - D:7FFFh	Closed	Open	Closed	Closed	Open
D:5800h - D:5FFFh	D:6000h - D:7FFFh	Open	Open	Closed	Closed	Open
D:8000h - D:87FFh	D:A000h - D:BFFFh	Closed	Closed	Open	Closed	Open
D:8800h - D:8FFFh	D:A000h - D:BFFFh	Open	Closed	Open	Closed	Open
D:9000h - D:97FFh	D:A000h - D:BFFFh	Closed	Open	Open	Closed	Open
D:9800h - D:9FFFh	D:A000h - D:BFFFh	Open	Open	Open	Closed	Open
D:C000h - D:C7FFh	D:E000h - D:FFFFh	Closed	Closed	Closed	Open	Open
D:C800h - D:CFFFh	D:E000h - D:FFFFh	Open	Closed	Closed	Open	Open
D:D000h - D:D7FFh	D:E000h - D:FFFFh	Closed	Open	Closed	Open	Open
D:D800h - D:DFFFh	D:E000h - D:FFFFh	Open	Open	Closed	Open	Open
E:0000h - E:07FFh	E:2000h - E:3FFFh	Closed	Closed	Open	Open	Open
E:0800h - E:0FFFh	E:2000h - E:3FFFh	Open	Closed	Open	Open	Open
E:1000h - E:17FFh	E:2000h - E:3FFFh	Closed	Open	Open	Open	Open
E:1800h - E:1FFFh	E:2000h - E:3FFFh	Open	Open	Open	Open	Open

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INTERRUPT REQUEST								
IRQ	JP6/1	JP6/2	JP6/3	JP6/4	JP6/5	JP6/6	JP6/7	JP6/8
í IRQ2	Open	Open	Open	Open	Open	Open	Open	Closed
IRQ3	Open	Open	Open	Open	Open	Open	Closed	Open
IRQ4	Open	Open	Open	Open	Open	Closed	Open	Open
IRQ5	Open	Open	Open	Open	Closed	Open	Open	Open
IRQ10	Open	Open	Open	Closed	Open	Open	Open	Open
IRQ11	Open	Open	Closed	Open	Open	Open	Open	Open
IRQ12	Open	Closed	Open	Open	Open	Open	Open	Open
IRQ15	Closed	Open	Open	Open	Open	Open	Open	Open

NODE ADDRESS								
Node	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
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 8 is the Least Significant Bit and switch 1 is the Most Significant Bit. The switches have the following decimal values: switch 1=128, 2=64, 3=32, 4=16, 5=8, =4, 7=2, 8=1. Turn Off the switches and add the values of the Off switches to obtain the correct node address. (On=0, Off=1)