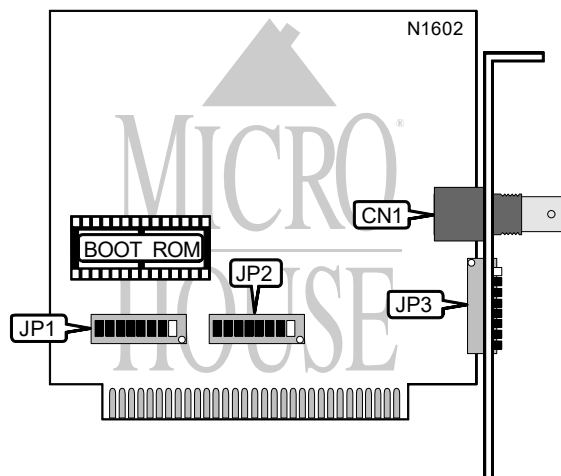


# EVEREX SYSTEMS, INC. SPEEDARC (VER.1.0)

NIC Type	ARCnet
Network Transfer Rate	2.5Mbps
Data Bus	8-bit ISA
Topology	Linear Bus
Wiring Type	RG-58A/U 50ohm coaxial
Boot ROM	Available (location unidentified)



CONNECTIONS	
Function	Label
RG-58A/U 50ohm coaxial port	CN1

BASE I/O ADDRESS SELECTION			
Address	JP2/6	JP2/7	JP2/8
260-26Fh	On	On	On
290-29Fh	On	On	Off
2E0-2EFh	On	Off	On
2F0-2FFh	On	Off	Off
300-30Fh	Off	On	On
350-35Fh	Off	On	Off
380-38Fh	Off	Off	On
3E0-3EFh	Off	Off	Off

INTERRUPT SELECTION					
IRQ	JP1/A	JP1/B	JP1/C	JP1/D	JP1/E
2	Open	Open	Open	Open	Closed
3	Open	Open	Open	Closed	Open
4	Open	Open	Closed	Open	Open
5	Open	Closed	Open	Open	Open
7	Closed	Open	Open	Open	Open

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NODE ADDRESS								
Node	JP1/1	JP1/2	JP1/3	JP1/4	JP1/5	JP1/6	JP1/7	JP1/8
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
5	Off	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
<b>Note:</b> A total of 255 node address settings are available. The switches are a binary representation of the decimal memory addresses. SW1/8 is the Most Significant Bit and switch SW1/1 is the Least Significant Bit. The switches have the following decimal values: SW1/8=128, SW1/7=64, SW1/6=32, SW1/5=16, SW1/4=8, SW1/3=4, SW1/2=2, SW1/1=1. Turn off the switches and add the values of the switches to obtain the correct memory address.								

BOOT ROM CONFIGURATION	
Setting	JP1/H
í Disabled	Open
Enabled	Closed

EXTENDED TIMEOUTS SELECTION				
Response Time	Idle Time	Reconfiguration Time	JP1/F	JP1/G
í 78	86	840	Open	Open
285	316	1680	Open	Closed
563	624	1680	Closed	Open
1130	1237	1680	Closed	Closed

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RAM/PROM ADDRESS SELECTION						
RAM Address	PROM Address	JP2/1	JP2/2	JP2/3	JP2/4	JP2/5
C:0000h - C:07FFh	C:2000h - C:3FFFh	On	On	On	On	On
C:0800h - C:0FFFh	C:2000h - C:3FFFh	On	On	On	On	Off
C:1000h - C:17FFh	C:2000h - C:3FFFh	On	On	On	Off	On
C:1800h - C:1FFFh	C:2000h - C:3FFFh	On	On	On	Off	Off
C:4000h - C:47FFh	C:6000h - C:7FFFh	On	On	Off	On	On
C:4800h - C:4FFFh	C:6000h - C:7FFFh	On	On	Off	On	Off
C:5000h - C:57FFh	C:6000h - C:7FFFh	On	On	Off	Off	On
C:5800h - C:5FFFh	C:6000h - C:7FFFh	On	On	Off	Off	Off
C:C000h - C:C7FFh	C:E000h - C:FFFFh	On	Off	On	On	On
C:C800h - C:CFFFh	C:E000h - C:FFFFh	On	Off	On	On	Off
C:D000h - C:D7FFh	C:E000h - C:FFFFh	On	Off	On	Off	On
C:D800h - C:DFFFh	C:E000h - C:FFFFh	On	Off	On	Off	Off
D:0000h - D:07FFh	D:2000h - D:3FFFh	On	Off	Off	On	On
D:0800h - D:0FFFh	D:2000h - D:3FFFh	On	Off	Off	On	Off
D:1000h - D:17FFh	D:2000h - D:3FFFh	On	Off	Off	Off	On
D:1800h - D:1FFFh	D:2000h - D:3FFFh	On	Off	Off	Off	Off
D:4000h - D:47FFh	D:6000h - D:7FFFh	Off	On	On	On	On
D:4800h - D:4FFFh	D:6000h - D:7FFFh	Off	On	On	On	Off
D:5000h - D:57FFh	D:6000h - D:7FFFh	Off	On	On	Off	On
D:5800h - D:5FFFh	D:6000h - D:7FFFh	Off	On	On	Off	Off
D:8000h - D:87FFh	D:A000h - D:BFFFh	Off	On	Off	On	On
D:8800h - D:8FFFh	D:A000h - D:BFFFh	Off	On	Off	On	Off
D:9000h - D:97FFh	D:A000h - D:BFFFh	Off	On	Off	Off	On
D:9800h - D:9FFFh	D:A000h - D:BFFFh	Off	On	Off	Off	Off
D:C000h - D:C7FFh	D:E000h - D:FFFFh	Off	Off	On	On	On
D:C800h - D:CFFFh	D:E000h - D:FFFFh	Off	Off	On	On	Off
D:D000h - D:D7FFh	D:E000h - D:FFFFh	Off	Off	On	Off	On
D:D800h - D:DFFFh	D:E000h - D:FFFFh	Off	Off	On	Off	Off
E:0000h - E:07FFh	E:2000h - E:3FFFh	Off	Off	Off	On	On
E:0800h - E:0FFFh	E:2000h - E:3FFFh	Off	Off	Off	On	Off
E:1000h - E:17FFh	E:2000h - E:3FFFh	Off	Off	Off	Off	On
E:1800h - E:1FFFh	E:2000h - E:3FFFh	Off	Off	Off	Off	Off