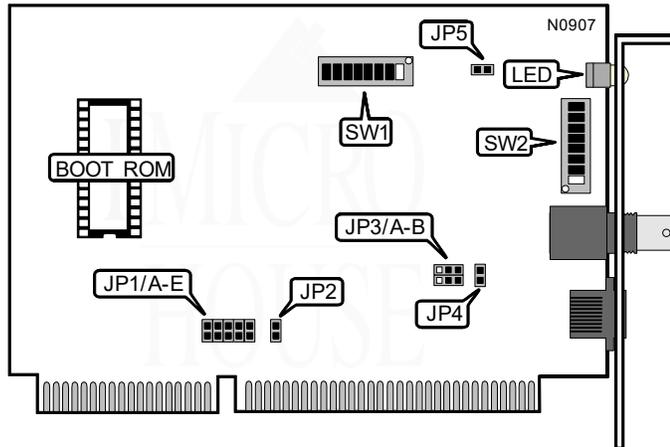


SVEC COMPUTER CORPORATION

FD0464B/FD0464C

NIC Type: ARCnet
 Transfer Rate: 2.5Mbps
 Data Bus: 16-bit ISA
 Topology: Linear bus (FD0464B only)
 Star
 Wiring Type: RG62A/U 93ohm coaxial
 Unshielded twisted pair
 Boot ROM: Available



INTERRUPT SELECT - JP1					
IRQ	Jumper A	Jumper B	Jumper C	Jumper D	Jumper E
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

BOOT ROM	
Setting	JP2
Disable	Open
Enable	Closed

WIRING TYPE		
Setting	JP3/jumper A	JP3/jumper B
Unshielded twisted pair	Pins 1 & 2 closed	Pins 1 & 2 closed
RG62A/U 93ohm coaxial	Pins 1 & 3 closed	Pins 1 & 3 closed

Note: This table applies only to the FD0464B.

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SVEC COMPUTER CORPORATION
FD0464B/FD0464C

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TOPOLOGY	
Setting	JP4
Star	Closed
Linear bus	Open
Note: This table applies only to the FD0464B.	

MEMORY ADDRESS						
RAM Address	ROM Address	SW1/1	SW1/2	SW1/3	SW1/4	SW1/5
i D000h	D200h	On	On	Off	Off	On
C000h	C200h	On	On	On	On	On
C080h	C200h	Off	On	On	On	On
C100h	C200h	On	Off	On	On	On
C180h	C200h	Off	Off	On	On	On
C400h	C600h	On	On	Off	On	On
C480h	C600h	Off	On	Off	On	On
C500h	C600h	On	Off	Off	On	On
C580h	C600h	Off	Off	Off	On	On
CC00h	CE00h	On	On	On	Off	On
CC80h	CE00h	Off	On	On	Off	On
CD00h	CE00h	On	Off	On	Off	On
CD80h	CE00h	Off	Off	On	Off	On
D080h	D200h	Off	On	Off	Off	On
D100h	D200h	On	Off	Off	Off	On
D180h	D200h	Off	Off	Off	Off	On
D400h	D600h	On	On	On	On	Off
D480h	D600h	Off	On	On	On	Off
D500h	D600h	On	Off	On	On	Off
D580h	D600h	Off	Off	Off	On	Off
D400h	D600h	On	On	On	On	Off
D480h	D600h	Off	On	On	On	Off
D500h	D600h	On	Off	On	On	Off
D580h	D600h	Off	Off	Off	On	Off
D400h	D600h	On	On	On	On	Off
D480h	D600h	Off	On	On	On	Off
D500h	D600h	On	Off	On	On	Off
D580h	D600h	Off	Off	Off	On	Off
E000h	E200h	On	On	Off	Off	Off
E080h	E200h	Off	On	Off	Off	Off
E100h	E200h	On	Off	Off	Off	Off
E180h	E200h	Off	Off	Off	Off	Off

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SVEC COMPUTER CORPORATION
FD0464B/FD0464C

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I/O ADDRESS			
Address	SW1/6	SW1/7	SW1/8
2E0h	On	Off	On
260h	On	On	On
290h	Off	On	On
2E0h	On	Off	On
2F0h	Off	Off	On
300h	On	On	Off
350h	Off	On	Off
380h	On	Off	Off
3E0h	Off	Off	Off

NODE ID NUMBER								
ID #	SW2/1	SW2/2	SW2/3	SW2/4	SW2/5	SW2/6	SW2/7	SW2/8
255	Off							
35	Off	Off	On	On	On	Off	On	On
1	Off	On						

Note: Nodes can be numbered from 1 to 255. The switches are a binary representation of the node numbers. When a switch is off, the corresponding bit is set to 1 and has the following decimal value: SW2/1=1, SW2/2=2, SW2/3=4, SW2/4=8, SW2/5=16, SW2/6=32, SW2/7=64, SW2/8=128.

DIAGNOSTIC LED	
Status	Condition
On	Network connected successfully/data is being transmitted or received
Off	Power off/network not connected successfully
Dim	Heavy data traffic on network

CONNECTORS	
Purpose	Location
External LED connector	JP5

MISCELLANEOUS TECHNICAL NOTES
The FD0464C is equipped with an RG62A/U 93ohm connector for star topology only.