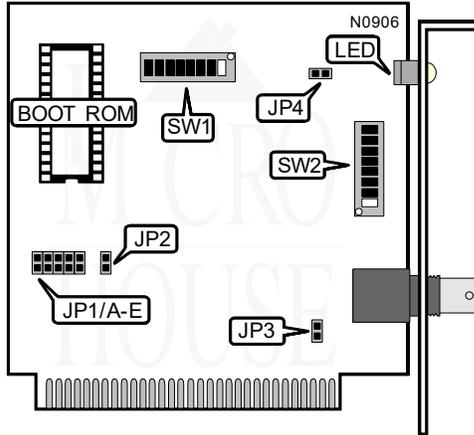


# SVEC COMPUTER CORPORATION

## FD0406C/FD0409C

NIC Type: ARCnet  
 Transfer Rate: 2.5Mbps  
 Data Bus: 8-bit ISA  
 Topology: Linear bus (FD0409C)  
 Star (FD0406C)  
 Wiring Type: RG62A/U 93ohm coaxial  
 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 |

| ON-BOARD TERMINATOR |        |
|---------------------|--------|
| Setting             | JP3    |
| Enable              | Closed |
| Disable             | Open   |

Continued on next page . . .

SVEC COMPUTER CORPORATION  
FD0406C/FD0409C

... continued from previous page

| 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   |

Continued on next page ...

SVEC COMPUTER CORPORATION  
FD0406C/FD0409C

... continued from previous page

| 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 | JP4      |