

## Profibus ISA Card



The SST Profibus ISA card connects your ISA bus computer to Profibus DP, FMS client\*, FDL and the S7 Communication Port.

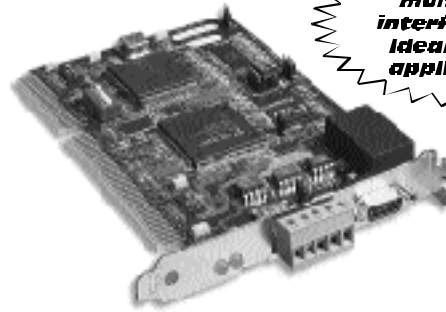
### Specifications:

- 1/2 length 16-bit ISA interface card
- 24 Mhz Intel i960 RISC processor with 512 Kbytes of 32-bit local RAM
- 256 Kbytes shared 16-bit RAM, accessible from the host in 16 Kbyte pages
- 512 Kbytes sectored flash memory for storage of card firmware and configuration
- Store network parameters, DP master and DP slave configurations in Flash
- Siemens ASPC2 LAN controller for Profibus functions
- Occupies 16 Kbytes of host memory, 8 I/O port addresses
- Supports interrupts 3, 5, 7, 9, 10, 11, 12, 15
- Supports baud rates from 9.6 Kbaud to 12 Mbaud
- Auto baud rate detection
- Standard Profibus 9-pin D-connector
- Hardware watchdog
- Diagnostic LED gives instantaneous status of network error, DP master, DP slave, FMS client\* and FDL
- Operating temperature: 0 to 50C (32 to 122°F)
- Storage temperature: -25 to 70C (-13 to 158°F)
- Power requirements: maximum 750 mA at 5 V

**Part Number:** 5136-PFB-ISA

\* supports FMS client services only, on a DEFINED, MASTER to MASTER ACYCLIC (MMAC) connection type

## Profibus ISA Multi-Slave Card



*World's only multi-slave interface card. Ideal for HMI applications.*

The SST Profibus ISA Multi-Slave card allows 1 to 125 possible DP slave stations to be emulated or monitored on one physical Profibus connection.

### Features:

- Monitor up to 125 connected DP slaves
- view input/output and slave diagnostic / parameterization data for each slave
- connects as a passive station
- Emulate up to 125 DP slaves
- send the input data, receive output data
- change and update the diagnostic data
- used with SST PICS Simulation
- SST recommended solution for connecting OI/HMI software to Profibus
- does not affect existing network traffic (active stations affect DP Master Class 1 I/O scan times)
- avoids 244 bytes in / 244 bytes out limitation
- several DP Class 1 masters can communicate to one multi-slave card
- Minimal setup and configuration required
- Ideal for full load network testing of DP Masters

### Specifications:

- 1/2 length 16-bit ISA interface card
- 512 Kbytes shared 16-bit RAM, accessible from the host in 16 Kbyte pages
- 512 Kbytes sectored flash memory for storage of card firmware and configuration
- Store network parameters and DP slave configuration in Flash
- Occupies 16 Kbytes of host memory, 8 I/O port addresses
- Supports interrupts 3, 5, 7, 9, 10, 11, 12, 15
- Supports baud rates from 9.6 Kbaud to 12 Mbaud
- Standard Profibus 9-pin D-connector
- 5-pin Phoenix connector (no bus connector required)
- Built-in termination can be added by making connections on the Phoenix connector
- Diagnostic LED gives instantaneous status of network error, DP master, DP slave, FMS client\* and FDL
- Operating temperature: 0 to 50C (32 to 122°F)
- Storage temperature: -25 to 70C (-13 to 158°F)
- Power requirements: maximum 450 mA at 5 V

**Part Number:** 5136-PBMS-ISA