



Serial Interfaces Board - based on PC/104 Standard

IPC/SIC4-1



- 4 Standard UARTs
- Configurable Drivers
- Selectable Interrupt Addresses
- Galvanic Isolation
- ESD Protected
- Extended Temperature



Specifications

Main Functional Elements

- 4 Standard UARTs, 16C550 Compatible but with 64 Bytes FIFOs
- Configurable Standard RS232 / RS422 / RS485 Drivers (Full Duplex, Half Duplex, Echo Cancellation, TLS)
- Interface Configuration Switches
- Interrupt Selection Switches
- Board Base Address Selection Switches
- Full Separate Galvanic Isolated Interfaces
- PC/104 Local Bus Interface

Please refer to User Documentation for Additional Information: DOC/IPC_SIC41A-E

Technical Data

Maximum Ratings

- 500mA Logic Supply Current @ 5V (no external Load)
- -25° to +85°C Operating Temperature
- -40° to +90°C Storage Temperature

Board Size

- 100 x 125 mm
Non standard PC/104 mech. dimensions

Order Information

4 x RS232 Interfaces without Galvanic Isolation

Four 2x5 Pin Headers for direct Flat Cable DSUB Connection

Supported RS232 Signals: RX/TX/RTS/CTS/DTR/DSR/DCD/RI

- Order Code: IPC/SIC4-1AE (PC/104 - Connector)
- Order Code: IPC/SIC4-1ASE (32x4 Pin ELCO Connector)

4 x Configurable RS232/422/485 Interfaces with Galvanic Isolation

Four 2x5 Pin Headers for direct Flat Cable DSUB Connection

Supported RS232 Signals: RX/TX/RTS/CTS

- Order Code: IPC/SIC4-1BE (PC/104 - Connector)
- Order Code: IPC/SIC4-1BSE (32x4 Pin ELCO Connector)

4 x Configurable RS232/422/485 Interfaces with Galvanic Isolation

36 Pin Terminal Block Connector and four 2x5 Pin Headers for DSUB Connection

Supported RS232 Signals: RX/TX/RTS/CTS

- Order Code: IPC/SIC4T-1BE (PC/104 - Connector)
- Order Code: IPC/SIC4T-1BSE (32x4 Pin ELCO Connector)

Other Configurations on Request

