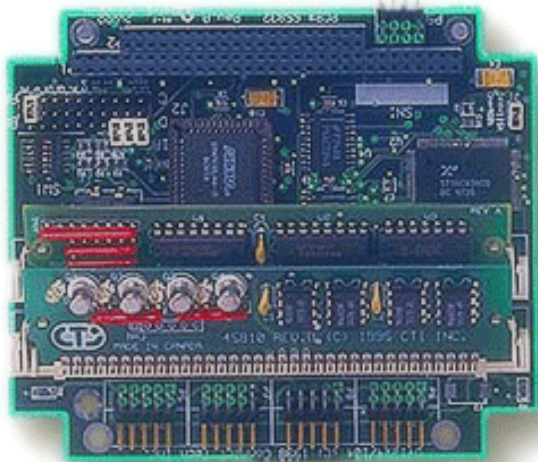




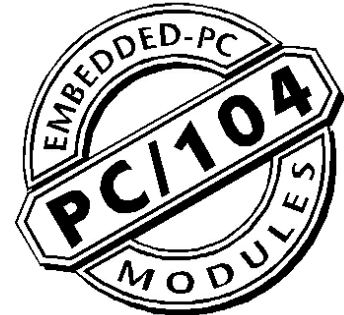
Connect Tech Inc.

Industrial Strength Communications



DFlex- Serial Adapters

The DFlex-4/104 is a compact, standard multi-port serial adapter for PC/104 compatible systems.



The Connect Tech Dflex-4/104 has been redesigned to better meet your needs! Many New features have been added to improve performance and flexibility! Some of the great new features include.....

- Easier set-up and installation.
- 16550 UART's replaced with a high performance QUAD 16C654 UART!
- More choices of interrupts available and more interrupt modes available.
- Fast baud rates up to 460.8 kbaud!

Features

The DFlex-4/104 offers the following features:

- Four high performance RS232 and/or RS485/422 and/or 20mA current loop and/or RS423 asynchronous communication ports.
- The electrical interfaces are on Serial Line Interface Modules (SLIM). SLIM's are field upgradeable allowing the user to configure the DFlex-4/104 with a combination of electrical interfaces. This feature also allows the user to change the combination of electrical interfaces at any time making the DFlex-4/104 the most flexible serial board on the market.
- Ports are controlled by a high performance Quad XR16C654 UART which is backward compatible with standard 16450 and 16550 UART's.
- Data transfer speeds range from 50 bps to 460.8 kbps.
- IRQ lines are jumper selectable; IRQ's 3, 4, 5, 6, 7, 9/2, 10, 11, 12, 14, 15 are available.
- Choice of using one, two, or four interrupts.
- PC104 compliant.
- Multiple boards may reside in a computer to accommodate large systems.
- Supported by the most popular multi-user operating systems such as: QNX 2, QNX 4, Windows 95/98, Windows NT, DOS, Linux, Solaris and SCO UNIX.
- Uses standard 10 pin headers for serial I/O.
- Fused +5v is provided through 10-pin header to power external I/O.
- Easy to install and comes with a comprehensive manual.
- Available with SeePORT, a free full featured data analyser for Windows 95/98.

Benefits

High Speed Communications

The DFlex-4/104 board provides rapid data transfer rates up to 460.8k baud on all ports. Each port can be configured independently. The Exar 16C654 UART features 64 byte receive and transmit FIFO buffers. FIFO buffers improve performance and efficiency, and minimise data loss. The DFlex-4/104 board provides rapid data transfer rates up to 460.8k baud on all ports. Each port can be configured independently. The Exar 16C654 UART features 64 byte receive and transmit FIFO buffers. FIFO buffers improve performance and efficiency, and minimise data loss.

Hardware Flexibility

The Dflex-4/104 is the most flexible PC/104 serial communications card on the market! The DFlex-4/104 board uses Serial Line Interface Module (SLIM) technology to provide different electrical interfaces such as RS-232, RS-485/422, RS-423 and 20mA Current Loop on the same board. As hardware requirements change within the application, the user may field upgrade the board with the appropriate SLIM. You can install multiple DFlex-4/104 boards in a system to accommodate large multi-user or multi-channel I/O requirements. Port addresses and interrupt lines are jumper selectable.

Software Compatibility

Because of its compatibility with standard PC serial ports, the DFlex-4/104 board supports all the most popular operating systems and communication software. For DOS applications which do not support multi-port adapters, the DFlex-4/104 board comes with a Windows95/98 driver.