Model UCOMM422/4A

4-Port RS-422/485 Interface Card

FEATURES

- *Four RS-422/485 Ports*
- *Automatic RS-485 Driver Enable/Disable*
- *Windows Compatible*
- *Shared Interrupts*
- *On-Board Interrupt Status Port for Windows NT Compatibility*
- *16-Bit Address Decode for Easier Integration*
- *16550, 16650, & 16750 Models*

DESCRIPTION

The new Model UCOMM422/4A provides the PC with four RS-422/485 serial ports. The unique feature of the UCOMM422/4A is the ability to be RS-485 compatible without the need for special software or drivers. This ability is especially useful in Windows, Windows NT, and OS/2 environments where lower level I/O control is abstracted from the application program. This ability means that the user can effectively use the UCOMM422/4A in a RS-485 application with existing (i.e. standard RS-232) software drivers. If this feature is not required, the Model UCOMM422/4N is available.

The Model UCOMM422/4A utilizes the 16550 UART. This chip features programmable baud rates, data format, interrupt control and a 16-byte input and output FIFO. Also available are models with the Startech 16C650 or the Texas Instruments 16C750 UARTs, that provide deeper FIFOs (32 bytes and 64 bytes respectively) and enhanced clocking features.

SPECIFICATIONS

Number of Channels
Four RS-422/485 Ports

UART
16550, 16650, or 16750
depending upon model number

IRQs
2/9-7, 10-12, 15

Data Rate
Speeds up to 460.8k baud

Temperature Range
Operating: 0 to 50°C
Storage: -20 to 70°C

Humidity
10 to 90%RHNC

Power Requirements
UCOMM422/4A: +5VDC @ 600mA
UCOMM422/4N: +5VDC @ 570mA

ORDERING GUIDE

Model UCOMM422/4A
16550, auto RTS, manual, software, cable

Model UCOMM422/4A650
16650, auto RTS, manual, software, cable

Model UCOMM422/4A750
16750, auto RTS, manual, software, cable

Model UCOMM422/4N
16550, non-auto RTS, manual, software, cable

Model UCOMM422/4N650
16650, non-auto RTS, manual, software, cable

Model UCOMM422/4N750
16750, non-auto RTS, manual, software, cable

INDUSTRIAL COMPUTER SOURCE®

9950 Barnes Canyon Rd. San Diego, CA 92121

1-800-523-2320