** FOR IMMEDIATE RELEASE **

PC/104 Dual RS-422/485 Serial Communication Board Provides Optical Isolation, Popular DB9 I/O Connectors and Low Cost

SAN DIEGO, CA–September 9, 2002–ACCES I/O Products, Inc. introduces its Model 104-ICOM-2S, a low cost dual-port PC/104 utility board featuring 60V optical isolation. Optically isolating the serial data lines from each other, and from the computer, assures smooth, error-free data transmission even in noisy, real-world environments. The two serial ports are based on the 16C550 UART with a 16 byte FIFO, useful for high-speed communication and embedded Windows operating systems. The ports are available via two DB9 Male connectors with jack screws to eliminate vibration worries in harsh environments and applications.

Each port's protocol (RS-422 or RS-485) is selected by jumpers on the board. Two- and four-wire communications are possible including four-wire RS-485 communication. Bias is provided as a standard on the board, whereas termination is jumper selected, which can simplify system architecture by eliminating some of the need to install resistors in the field cabling system.

The Model 104-ICOM-2S board is installed by jumper selecting base addresses and IRQ. In Windows operating systems, the ports install as standard COM ports and use the Windows drivers. Linux operating systems also support use of this board.

Available in two versions designed for use in commercial (0-60 degrees C) or industrial environments (-30 to +85C), the board may be installed in any standard PC/104 motherboard slot or stack.

The board ships with a CD containing utility and tools software, an illustrated set-up program for configuring jumpers, and card-specific demonstrations for initializing the serial ports. Source code and examples in "C" are provided for DOS, and in a variety of languages for use in Windows versions up to XP.
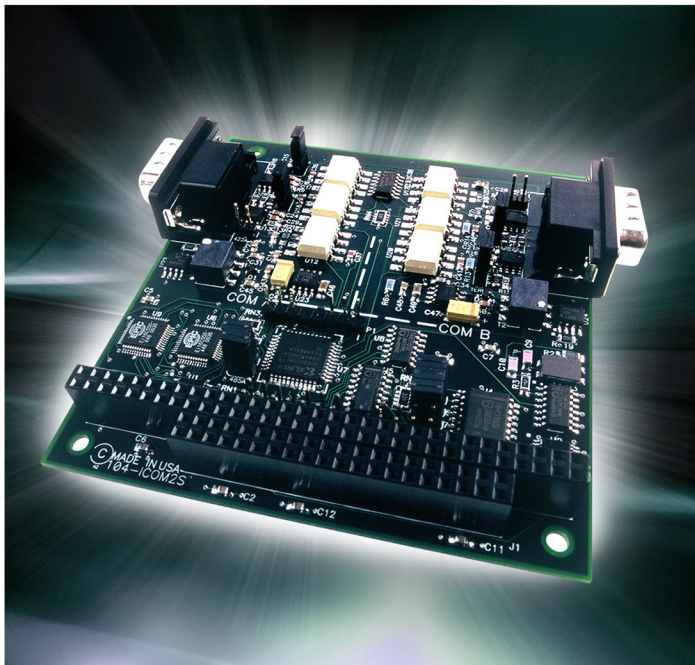
ACCES I/O Products, a leading manufacturer of IBM-compatible Analog and Digital I/O Boards, Watchdog Timers, Distributed Control products and accessories, has broadened its offering by adding a PC/104 I/O line. ACCES also offers the industry's most complete selection of PCI bus data acquisition cards, with more than 50 models to choose from. All products come with a 30-day, no-risk return policy and a three-year warranty. For further information, visit the company's web site at www.accesio.com.

Price:	$229, includes software and manual
Availability:	Now
Delivery:	Stock to two weeks ARO

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