ACCES I/O Products Releases 6 New PCI-104 RS-232/422/485 Serial Communication Boards

SAN DIEGO, CA—March 6, 2013—ACCES I/O Products, Inc., a leader in cost-effective and easy-to-use serial communication and data acquisition products, is pleased to announce the release of a new family of PCI-104 serial communication boards—the 104I-COM-8SM Series. These PCI-104 boards feature a selection of 8, 4, or 2-ports of field selectable RS-232, RS-422, and RS-485 asynchronous serial protocols on a port by port basis. Ports are accessed via two 40-pin IDC type right angle header connectors. The 104I-COM-8SM Series are feature-rich and allow for the connection of multiple serial devices—ideal for a variety of applications such as POS, gaming systems, retail, hospitality, automation, kiosks, defense industries, high-density networking, or any other application requiring the connection of RS-232/422/485 serial devices to a PCI-104 compatible system.

Each RS-232 port is capable of supporting data communication rates up to 921.6 kbps and implement full modem control signals to ensure compatibility with a broad variety of serial devices. RS-422 and RS-485 modes support data communication speeds up to 1.8432 Mbps. Based on the XR17D158, the boards have eight enhanced 16550 compatible UARTS and include 64-byte transmit/receive FIFO buffers to decrease CPU loading and protect against lost data in multi-tasking systems while maintaining 100% compatibility with all operating system COM port software. ACCES offers the 104I-COM-8SM, 4SM, and 2SM in both standard and extended temperature versions ideal for outdoor applications, harsh industrial surroundings, or military use.

Available accessories include a broad range of ribbon cables and screw terminal boards for quick and easy connectivity. Special order items such as conformal coating, custom baud rates, custom software, and more, are also available.

Key features of the 104I-COM-8SM family include:

- **8, 4, and 2-port PCI-104 serial communication boards**
- **Field selectable RS-232, RS-422, and RS-485 protocols, per port**
- **Speeds up to 1.8432Mbps in RS-422/485 modes (RS-232 up to 921.6 kbps)**
- **16550 compatible register set with 64-byte FIFO for each TX and RX**
- **± 15kV ESD protection on all RS-232 signal pins**
- **Full modem control signals in RS-232 mode**
- **Auto-RTS feature makes half-duplex RS-485 communication effortless**
- **Fixed bias and jumper selectable termination provided on each transmit and receive channel**
- **Software compatible with all operating systems as standard COM port**
- **RS-485 full-duplex (4-wire) fully supported**
- **RS-232 only versions and extended temperature (-40°C to +85°C) available**

The 10I-COM-8SM family of boards is supported by all operating systems as standard serial ports. All boards include a free DOS, Linux and Windows XP/Vista/7 compatible software package with sample programs and source code in "C" and Pascal for DOS, and Visual Basic, Delphi, C#, and Visual C++ for Windows. Also provided is a graphical option configuration program in Windows. An easy-to-use Windows terminal program simplifies verification of proper operation. Linux support includes installation files and samples for register-level programming in "C".

For additional information, readers can view a data sheet and manual for the new 104I-COM-8SM family by visiting the product webpage at www.accesio.com/104i-com-8sm.

About ACCES I/O Products, Inc.
For over 23 years, ACCES I/O Products, Inc. has supplied an extensive range of analog, digital, serial communication, and isolated I/O boards and solutions. ACCES also offers complete systems, integration services and enclosures with a quick turn-around on custom projects including software. ACCES products are designed for use with PC/104, PCI, PCI Express, Pico-ITXe, Pico-I/O, ETX, USB, USB/104, USB/PICO, Ethernet and ISA, as well as distributed, wireless I/O, and computer-on-module (COM) form factors. All hardware comes 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:	Prices range from $169 to $299, depending on model
	Please inquire for OEM and volume pricing
Availability:	Now
Delivery:	Stock to two weeks ARO

For Further Information, Contact:

Chris Persidok
Marketing Communications Director
ACCES I/O Products, Inc.
10623 Roselle Street, San Diego, CA 92121
Tel: 858.550.9559 • FAX: 858.550.7322
E-mail: cpersidok@accesio.com
URL: www.accesio.com

PCI-104 High-Speed Multi-Port Serial
Communication Boards with Extended Temperature
(104I-COM-8SM Series)

ACCES I/O PRODUCTS, INC.