ACCES I/O PRODUCTS, INC.

**** FOR IMMEDIATE RELEASE ****

New Products

PC/104-Plus Watchdog Timer Board Protects Against Mission-Critical System Failures

SAN DIEGO, CA—July 1st, 2009—ACCES I/O Products, Inc. is eager to announce a new series of dedicated watchdog timer boards for PC/104-based embedded systems—Model P104-WDG-CSMA. This feature-rich watchdog board will vigilantly stand guard over your system and will help avoid costly system failures. The board can be used to monitor the operation of your application program as well as operating system and will initiate a system reset in case of lockup. In addition, the P104-WDG-CSMA can monitor and control a variety of system hardware parameters such as temperature, voltage, fan speed, humidity, and more. The board was designed to allow for complete peace of mind when planning your next PC/104-based embedded system. Applications include kiosks, industrial automation, military/mission-critical, asset management and tracking, retail, medical, embedded OEM, temperature measurement and many others which require self-reliant embedded systems.

Supplementing the standard features expected from a watchdog timer, the P104-WDG-CSMA includes a remarkable assortment of additional attributes. These include one general purpose optically isolated input, two isolated digital outputs to control/switch external events, two non-isolated digital outputs, two general purpose A/D inputs, and even a security light sensor that can be used to detect if the darkened interior of an enclosure is opened.

Key features of the P104-WDG-CSMA include:

- **PC/104-Plus watchdog timer card with software selectable timeout from 4 µsec**
- **Watchdog open collector reset outputs**
- **Temperature measurement, monitor, and alarm**
- **Fan status and speed control**
- **PCI/104 power monitor / limit alarm interrupt**
- **Opto-isolated input to trigger reset**
- **General purpose opto-isolated input, two outputs**
- **Two general purpose 8-bit A/D inputs**
- **External fused 5V and 12V power**
- **Light sensor for enclosure security**
- **Extended temperature (-40°C to +85°C) available**

The P104-WDG-CSMA is supported for use in most operating systems and includes a free software package compatible with DOS, Linux, and Windows XP/VISTA. This package contains sample programs and source code in "C" for DOS, and Visual Basic, Delphi, and Visual C++ for Windows. Also incorporated is a graphical setup program in Windows. Linux support includes installation files and basic samples for programming from user level via an open source kernel driver. Third-party support includes a Windows standard DLL interface usable from the most popular application programs, and includes example LabVIEW VIs. Embedded OS support includes Windows XPe and CE.

Readers can view a data sheet and manual for the new P104-WDG-CSMA board by visiting the product webpage at www.accesio.com/p104-wdg-csma

About ACCES I/O Products, Inc.
For over 20 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, Low Profile PCI, Pico-ITXe, Pico-I/O, ETX, USB, USB/104, USB/PICO, Ethernet and ISA, as well as distributed and wireless I/O. 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:	Model P104-WDG-CSMA (Advanced, all options)	$249.00
	Model P104-WDG-CSM (Standard model)	$190.00
	Model P104-WDG-E (Economy version)	$149.00
	Please inquire for OEM and volume pricing	
Availability:	Now	
Delivery:	Stock to two weeks ARO	

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