

ACCES I/O Products, Inc.

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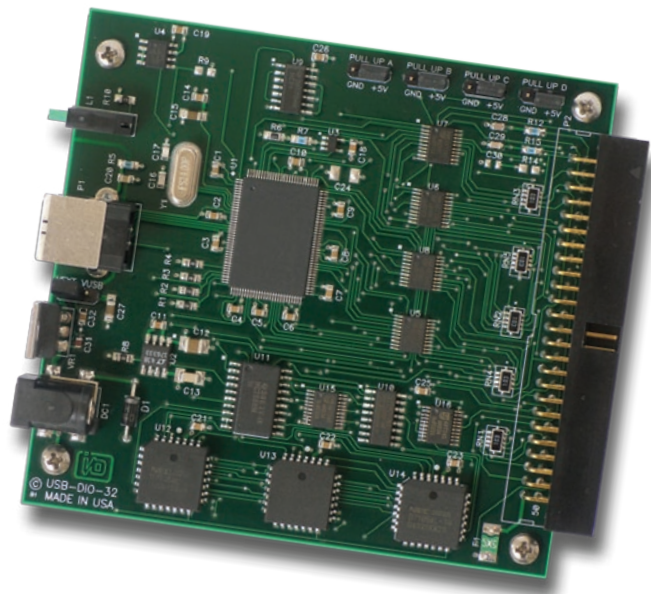
www.accessio.com**USB-DIO-32**

Model USB-DIO-32 is a USB device providing an ideal solution for adding portable, easy-to-install, digital I/O and counter capabilities to any PC or embedded system with a USB port. The unit is a true USB 2.0 device, offering the highest speed available with the USB bus. The unit is plug-and-play capable, which allows quick connect or disconnect whenever you need additional I/O on your USB port. The USB-DIO-32 can be used in a variety of applications such as home, portable, laptop, education, laboratory, industrial automation, and embedded OEM.

The USB-DIO-32 features 32 lines of TTL-compatible digital I/O on four 8-bit ports with high-current output capabilities and three optional 82C54 counters. Unlike other USB digital I/O products, which primarily use a human interface device (HID) driver, ACCES offers an easy-to-use, Windows-based, custom function driver optimized for maximum data throughput. This approach enables the full functionality of the hardware along with maximizing the advantage of using the high-speed USB 2.0 bus.

The USB-DIO-32 is designed to be used in rugged industrial environments but is small enough to fit nicely onto any desk or testing station. The board is PC/104 sized (3.550" x 3.775") and ships inside a steel powder-coated enclosure with an anti-skid bottom. ACCES offers a number of options with the USB-DIO-32 for added flexibility. An OEM, board only, version is perfect for a variety of embedded applications. The board's PC/104 compatible pre-drilled mounting holes ensure easy installation using standard standoffs inside most enclosures or systems.

ACCES I/O Products, Inc. supplies 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 turnaround on custom projects, including software. ACCES products are designed for use with PC/104, PCI, PCI-X, Low-Profile PCI, EBX, EPIC, USB, Ethernet, and ISA, as well as distributed and wireless I/O. For more information, visit our website at www.accessio.com.

**FEATURES:**

- High-speed USB 2.0 device, USB 1.1 compatible
- Small (3.5" x 3.7"), portable, 32-channel USB digital I/O module can be easily added to any PC/104-based system
- Four 8-bit ports independently selectable for inputs or outputs
- All 32 I/O lines buffered with sink 64 mA /source 32 mA current capabilities
- Custom high-speed function driver
- Removable screw terminal adaptor for easy wiring
- Three optional 82C54 counters/timers
- Rugged industrial enclosure
- Software support for use in Linux, Windows, and other operating systems, with drivers and samples in a variety of languages