

# PC/104 - Digital I/O

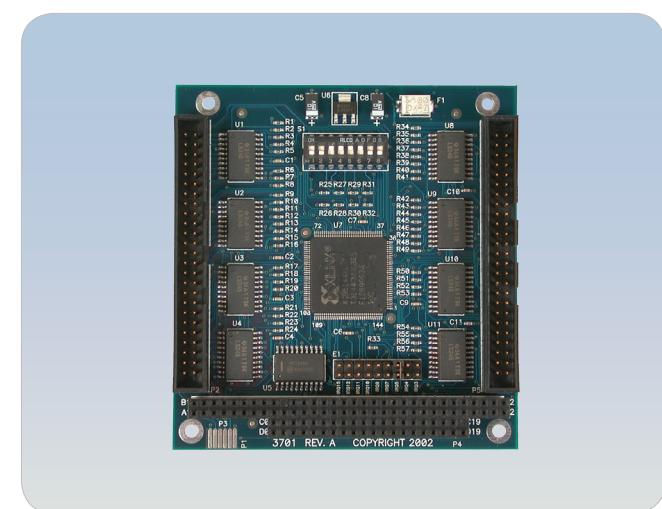
## PC/104 48 Channel TTL Digital Interface

Item # 3701

The 3701 PC/104 digital I/O interface module is designed around an ASIC emulating two 8255 chips, each providing 24 I/O lines. The board has a DIP switch for flexible I/O addressing, IRQ jumpers for interrupts and two sets of connectors for each port. Two standard solid-state 50-pin relay rack header connectors are provided.

### Unique Features

- » 48 channels of buffered TTL I/O
- » Each 8-bit port individually configurable as input or output
- » 8255 mode 0 compatible
- » 10K pull up resistors on each bit
- » +5V power and ground provided on connector
- » Right-angle connectors available for OEM opportunities, two industry standard 50-pin solid-state relay rack vertical header connectors standard



### Technical Specifications

Number of Channels	48 (TTL)
Power Requirement	+5V @ 794mA
Output Specification	Sink up to 24mA Source up to 15mA
Connectors	(2) 50-Pin Headers
Operating Temperature	0 - +70° C
Storage Temperature	-50° - +105° C
Humidity Range	10 - 90% R.H.