256 Digital Input/Output Channels

Ordern-No.: CP387-xxxx Series/Model: CP387



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16 Bit 250 KS/s ADC with 16 Multifunction Digital I/O Channels and Signal Bridge Conditioning

Main Product Features

- **256 channel Digital Input/Output Channels**
- **128 Base card channels**
- **4 mezzanine card sites for added I/O capability including: TTL I/O, Differential I/O, Isolated Input , Isolated Output, Form “A” Relay Output, Form “C” Relay Output, AC switch Output.**
- **Change Of State Recognition**
- **Pattern Recognition**
- **Input and Output Strobes**
- **Programmable contact-bounce suppression on inputs**

The C387 is a single-width, 6U, CompactPCI module with up to 256 digital input/output channels. The C387 base board supports 128 channels of TTL I/O. Four mezzanine card sites can be populated with other forms of digital I/O including isolated input, isolated output, relay output, AC switch output or differential I/O. The mezzanine card concept allows multiple digital I/O types to be configured within a single module to match the application requirements.

Pattern Recognition and Change Of State detection are included. Both operations can be used on the base card as well as span to the mezzanine channels. Input and output strobes are provided for connection to external sources. The digital inputs and outputs are available on 3 double stacked 68 position high density connect

Applications

- Automotive test cells
- Industrial monitoring and control
- Automatic Test Equipment (ATE)
- Monitoring and driving TTL-level signals
- Driving relays, solenoids or lamps

Manufacturer page

http://www.kscorp.com/

Data Sheet Download

PXI/cPCI 256 Channel I/O board (469.3 KiB)

Opening the Download-Files May require the Adobe-Acrobat-Reader.
Click here to download the Adobe-Acrobat-Reader.

If you have questions please don't hesitate to contact us any time.

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