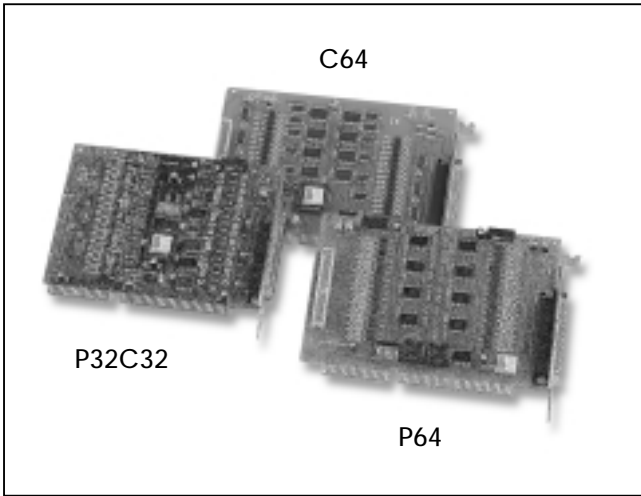




ISO-C64

64-Channel Optically Isolated Open-Collector Digital Output Board



ISA-Bus

Functional Description

The ISO-C64 has 64 channels of optically isolated digital outputs, arranged into four isolated banks. Each digital output offers a darlington transistor and integral suppression diode for inductive load. Isolated output channels are designed into group A,B,C,D. The power supply of the output port should use the external power. This interface board is easily installed in any PC/AT/XT. The board interface to field logic signals, eliminating ground-loop problems and isolating the host computer from damaging voltages. The ISO-C64 has one 37-pin D-Sub Connector and one 40-pin male header. The 40-pin to DB-37 flat cable is used to fixed with the case. The user can connect the digital signal through the second D-Sub connector . Each D-Sub connector contains 32 output channels.

Features

- 64-channel optically isolated digital output /open collector
- Four isolated bank.
- 3750V DC isolation voltage

Applications

- Factory Automation
- Product Test
- Laboratory Automation

Specifications

Isolation Output

- Type : Isolated open collector : 100mA per channel
- External voltage : 30V (Max.)
- Response time: 1Khz Typical
- Power requirements : +5V 800mA (typical)

General Environmental

- Operating temp: 0-50°C
- Storage temp: -20°C to 70°C
- Humidity: 0 to 90% non-condensing
- Dimensions: 163 mm x 115 mm

Software

- ISO Development Toolkit for DOS
- ISO Development Toolkit for Win95
- ISO Development Toolkit for WinNT

Order Description

- ISO-C64 : 64 -channel isolated Digital Output Board

OPTIONS

- DB-37: Directly connect signals to the back of ISO-C64
- DN-37: I/O Connector Block with DIN Rail Mounting and 37-PIN D-SUB Connector
- ISO LabVIEW Development Toolkit for Win95
- ISO LabVIEW Development Toolkit for WinNT

Pin Assignment

