



PISO-C64

64-channel Optically Isolated Open-collector Digital Output Board (Current Sinking)

[PIN Assignment](#) [Software](#) [Manual](#)



Functional Description

The PISO-C64 has 64-channel of optically isolated digital outputs, arranged into two isolated banks. Each digital output offers a darlington transistor and integral suppression diode for inductive load. Isolated output channels are designed into group C and Group D. The power supply of the input port may use the external power or the power from the PC side using DC/DC converter. 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 fix 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

General Environmental

- Operating temp 0-50 °C
- Storage temp : -20 °C to 70 °C
- Humidity : 0 to 90% non-condensing
- Dimensions
- 180 mm x 105 mm

Specifications

Isolation Output

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

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

Applications

- Factory Automation
- Product Test
- Laboratory Automation

Software

- Toolkit for DOS
- Toolkit for Windows 95/98
- Toolkit for Windows NT
- Toolkit for Windows 2000/XP
- Toolkit for LabVIEW 95/98
- Toolkit for LabVIEW NT
- Toolkit for LabVIEW 2000/XP
- Toolkit for OCX 95/98
- Toolkit for OCX NT
- Toolkit for OCX 2000/XP
- Driver for LINUX
- Driver for JAVA
- Driver for DasyLab

Ordering Information

PISO-C64	64-channel Optically Isolated Open-collector Digital Output Board (Current Sinking) Includes software : NAPDOS
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