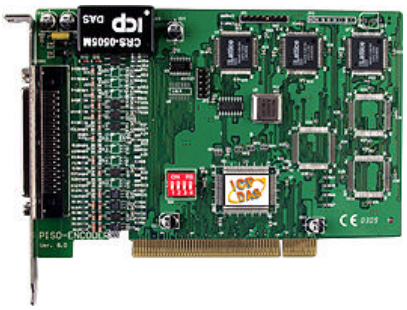
PISO-Encoder 300

PCI Bus 3 axes Encoder input board



Functional Description

The PISO-ENCODER300 has a 3-axis encoder counter and each axis has a 32-bits, true counter with maximum counting rate of 1MHz. The counting mode has 3 types of selections: 1.QUADRANT mode, 2.CW_CCW mode, 3.PULSE_DIR mode. The PISO-ENC300 provides 3 kinds of counter reset mode: 1.register reset, 2.index reset, 3. hardware reset. The Index reset resets by using a C+/C- channel, which will reset every revolution. The hardware reset resets by an external pin (HR1~HR6). The HR1~HR6 also can be a digital input. The PISO-ENC300 also provides 8-channel digital outputs. 2500Vrms photo couplers isolate the digital I/O.This board provides DOS, windows 95 and windows NT drivers.

Features

- PCI bus
- 3-axis Encoder counter
- True 32 bits counter
- Maximum counting rate: 1MHz.
- Third-order internal digital filter.
- Counting mode: Quadrant, CW_CCW, PULSE_DIR
- A+, A-, B+, B-, C+, C- inputs.
- Programmable reset counter function.
- Index (C channel) reset counter function.
- Hardware reset (HR1~HR6), reset counter function
- SCSI-II 68-pin connector.

Specifications

- Number of axis: 3
- PCI bus
- Counter Resolution: 32-bit
- Maximum pulse rate: 1MHz.
- 8 digital outputs
- 2500V optical isolation
- Connector: SCSI-II 68-pin female connector
- Power requirement: +5V@ 500mA typical
- Operating temp range: 0°~60°C
- Storage temp range: -20°~70°C
- Humidity: 95% non-condensing
- Weight: 310g
- Dimensions: 157mm x 106mm

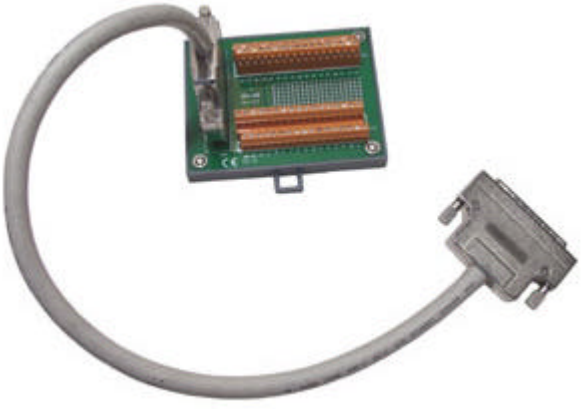
Options

- **DN-68:** Daughter board
- **CA-SCSI15 :** SCSI II 68pin & 68pin Female connector cable

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
- Driver for LINUX

PIN Assignment
Software
Manual



DN-68 with CA-SCSI15 cable

Ordering Information

PISO-Encoder300	PCI Bus 3 Axis encoder input board Include :CA-SC68 (68-pin & 68- pin Female-Female Cable)