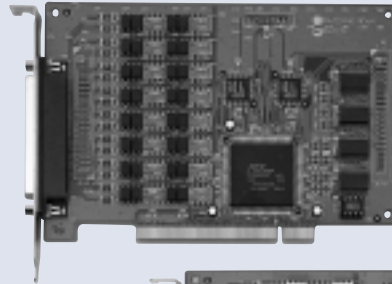
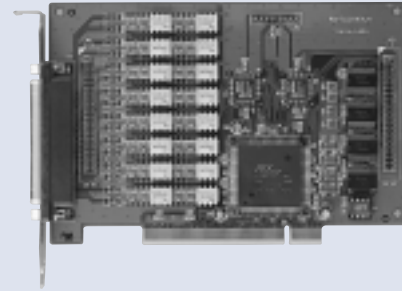


Features

- 32-bit PCI Bus, Plug and Play
- 32 Isolated digital input channels
- High speed version PCI-7233H available
- 2500 Vrms isolation voltage
- Change-of-state (COS) detection on all 32 channels,
- Interrupt sources from COS edge
- 37-pin D-type connector
- Compact size for small IPC chassis
- Full line of software support, software forward compatible with CompactPCI version



PCI-7233



PCI-7233H

Specifications

Isolated Input Channel

- Number of channels: 32
- Input voltage: up to 24Vdc, higher voltage available for OEM only

PCI-7233:

- Logic "L": 0~2.4V
- Logic "H": 3~24V

PCI-7233H:

- Logic "L": 0~3.2V
- Logic "H": 3.5~24V

- Input resistance: 2.4KΩ @ 0.5W
- Isolation voltage:
 - 5000 V rms (for PCI-7233)
 - 2500 V rms (for PCI-7233H)
- Data throughput:
 - 10KHz on PCI-7233
 - 500KHz on PCI-7233H

Interrupt Sources

- Change-of-state on the 16 MSB
- Change-of-state on the 16 LSB

General Specifications

- Operating temperature: 0° ~ 60°C
- Storage temperature: -20° ~ 80°C
- Humidity: 5 ~95% non-condensing
- Connector: 37-pin D-sub connector (female)
- Bus interface: 32-bit slave PCI bus
- Power requirement:
 - PCI-7233: 5VDC @ 300mA (typ.)
 - PCI-7233H: 5VDC @550mA (typ.)
- Dimension: 158 mm x 107 mm

Ordering Information

PCI-7233

Isolated 32-CH DI Card

PCI-7233H

High speed isolated 32-CH DI Card

Note: The above products are shipped with software development kit for DOS/Win-95/98/NT/2000, PCIS-LVIEW and PCIS-VEE.

Pin Assignments for DB-37 Connector of PCI-7233[H]

IDI_0 (1)	○	○	(20) IDI_1
IDI_2 (2)	○	○	(21) IDI_3
IDI_4 (3)	○	○	(22) IDI_5
IDI_6 (4)	○	○	(23) IDI_7
IGND (5)	○	○	(24) IDI_8
IDI_9 (6)	○	○	(25) IDI_10
IDI_11 (7)	○	○	(26) IDI_12
IDI_13 (8)	○	○	(27) IDI_14
IDI_15 (9)	○	○	(28) IGND
IDI_16 (10)	○	○	(29) IDI_17
IDI_18 (11)	○	○	(30) IDI_19
IDI_20 (12)	○	○	(31) IDI_21
IDI_22 (13)	○	○	(32) IDI_23
IGND (14)	○	○	(33) IDI_24
IDI_25 (15)	○	○	(34) IDI_26
IDI_27 (16)	○	○	(35) IDI_28
IDI_29 (17)	○	○	(36) IDI_30
IDI_31 (18)	○	○	(37) IGND
IGND (19)	○	○	