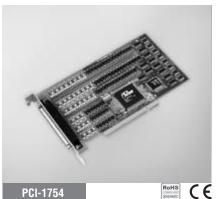
PCI-1752U **PCI-1754 PCI-1756**

64-ch Isolated Digital Output Universal PCI Card

64-ch Isolated Digital Input PCI Card

64-ch Isolated Digital I/O PCI Card







Features

- 64 isolated digital output channels
- High-voltage isolation on output channels (2,500 V_{DC})
- 2,000 V_{DC} ESD protection
- Wide output range (5 ~ 40 V_{DC})
- High-sink current on isolated output channels (200 mA max./channel)
- Output status readback
- Keeps the output settings and values after system hot
- Channel-freeze function
- High-density 100-pin SCSI connector
- Support sink

Specifications

Isolated Digital Output

Channels 64 (16-ch/group) Output Type Sink (NPN) Isolation Protection 2.500 Vnc Output Voltage $5 \sim 40 V_{DC}$

Sink Current 200 mA max./channel

Opto-isolator Response 25 µs

General

Bus Type I/O Connectors Universal PCI V2.2 1 x 100-pin SCSI female connector

Dimensions (L x H)

175 x 100mm (6.9" x 3.9") Typical: 5 V @ 230 mA

Power Consumption Operating

Max.: 5 V @ 500 mA $0 \sim 60^{\circ} \text{ C} (32 \sim 140^{\circ} \text{ F})$

Temperature Storage Temperature -20 ~ 70° C (-4 ~ 158° F)

(IEC 68-2-1, 2)

Storage Humidity

5 ~ 95% RH, (IEC 68-2-3) non-condensing

Ordering Information

PCI-1752U

Output Universal PCI Card PCL-10250-1

ADAM-3951

100-pin SCSI to Two 50pin SCSI Cable, 1 m 50-pin DIN-rail Wiring Board w/ LED Indicators

64-ch Isolated Digital

Features

- 64 isolated digital input channels
- Either ± voltage input for DI by group
- High-voltage isolation on input channels (2,500 V_{DC})
- High over-voltage protection (70 V_{DC})
- Wide input range (10 ~ 50 V_{DC})
- Interrupt handling capability
- High-density 100-pin SCSI connector

Features

- Either ± voltage input for DI by group
- Output status readback
- Keeps the output settings and values after system hot reset
- Interrupt handling capability

Specifications

Isolated Digital Input

Interrupt Capable Ch.

Isolation Protection

Channels

Input Voltage

· High-density 100-pin SCSI connector

Specifications

Isolated Digital Input

Channels Input Voltage 64 (16-ch/group) Logic 0: 3 V max. Logic 1: 10 V min. (50 V max.)

Input Current (Typical)

10 V_{DC} @ 1.7 mA, 12 V_{DC} @ 2.1 mA 24 V_{DC} @ 4.4 mA, 48 V_{DC} @ 9.0 mA 50 V_{DC} @ 9.4 mA

Interrupt Capable Ch. 4

Isolation Protection Overvoltage

Protection

Opto-Isolator Response

Bus Type

Operating

PCI-1754

PCL-10250-1

ADAM-3951

Temperature

I/O Connectors

Dimensions (L x H)

Power Consumption

Storage Temperature

Ordering Information

Storage Humidity

General

Overvoltage Protection **ESD** Opto-Isolator Response **Input Current**

 $2,500 \, V_{DC}$

 $70 \, V_{DC}$

PCI V2.2

connector

1 x 100-pin SCSI female

175 x 100mm (6.9" x 3.9")

Typical: 5 V @ 340 mA

 $0 \sim 60^{\circ} \text{ C} (32 \sim 140^{\circ} \text{ F})$

-20 ~ 70° C (-4 ~ 158° F) 5 ~ 95% RH (IEC 68-2-3)

64-ch Isolated Digital Input

100-pin SCSI to Two 50-pin

Max.: 5 V @ 450 mA

(IEC 68-2-1, 2)

non-condensing

SCSİ Cable, 1 m

50-pin DIN-rail Wiring

Board w/ LED Indicators

PCI Card

2,000 V_{DC} 25 µs

48 V_{DC} @ 9.0 mA 50 V_{DC} @ 9.4 mA **Isolated Digital Output**

Channels Output Type

Isolation Protection **Output Voltage** Sink Current Opto-isolator Response 25 µs

32 (16-ch/group) Sink (NPN) 2,500 V_{DC} 5 ~ 40 Vpc 200 mA max./channel

32 (16-ch/group)

Logic 0: 3 V max.

2 (IDI0, IDI16)

10 V_{DC} @ 1.7 mA,

12 V_{DC} @ 2.1 mA 24 V_{DC} @ 4.4 mA,

2,500 VDC

2.000 Vpc

70 VDC

25 us

Logic 1: 10 V min. (50 V max.)

General

Bus Type I/O Connectors

Dimensions (L x H) Power Consumption

Operating Temperature Storage Temperature

Storage Humidity

PCI V2.2 1 x 100-pin SCSI female connector 175 x 100mm (6.9" x 3.9") Typical: 5 V @ 285 mA

Max.: 5 V @ 475 mA 0 ~ 60° C (32 ~ 140° F) (IEC 68-2-1, 2) -20 ~ 70° C (-4 ~ 158° F) 5 ~ 95 % (IEC 68-2-3)

Ordering Information

PCI-1756

PCL-10250-1

ADAM-3951

64-ch Isolated Digital I/O PCI 100-pin SCSI to Two 50-pin SCSÍ Cable, 1 m 50-pin DIN-rail Wiring Board w/ LED Indicators

AD\ANTECH

Data Acquisition Boards