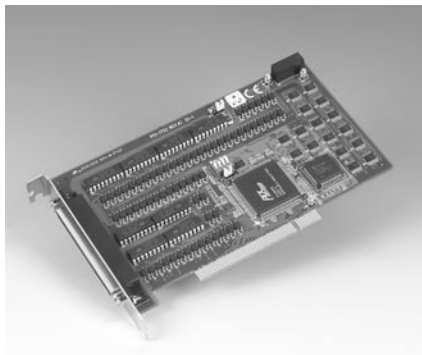


PCI-1752 PCI-1754 PCI-1756

64-ch Isolated Digital Output Card

64-ch Isolated Digital Input Card

64-ch Isolated Digital I/O Card



Features

- 64 isolated digital output channels
- High-voltage isolation on output channels (2500 V_{DC})
- 2000 V_{DC} ESD protection
- Wide output range (5 ~ 40 V_{DC})
- High-sink current on isolated output channels (200 mA max./channel)
- Output status read-back
- Keeps digital output values when hot system reset
- Channel-freeze function
- High-density 100-pin SCSI connector

Specifications

Isolated Digital Output

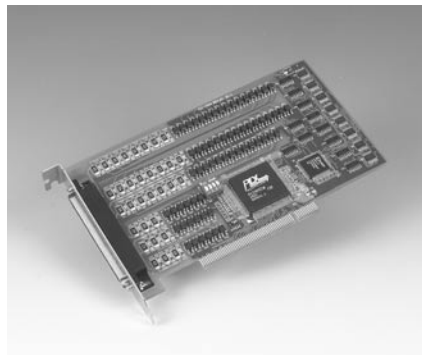
- **Channels** 64 (16-ch/group)
- **Output Type** Sink (NPN)
- **Isolation Protection** 2,500 V_{DC}
- **Output Voltage** 5 ~ 40 V_{DC}
- **Sink Current** 200 mA max./channel
- **Opto-isolator Response** 25 μs

General

- **Bus Type** PCI V2.2
- **I/O Connectors** 1 x 100-pin SCSI-II female
- **Dimensions (L x H)** 175x100mm (6.9"x3.9")
- **Power Consumption** Typical: +5 V @ 230 mA
Max.: +5 V @ 500 mA
- **Operating Temperature** 0~60° C (32 ~ 140° F)
(IEC 68-2-1, 2)
- **Storing Temperature** -20~70° C (-4 ~ 158° F)
- **Storing Humidity** 5~95% RH, (IEC 68-2-3)
non-condensing

Ordering Information

- **PCI-1752** 64-ch isolated digital output card, user manual and driver CD-ROM (cable not included)
- **PCI-10250-1** 1w-pin to two 50-pin SCSI Casle, 1m
- **ADAM-3951** Wiring terminal module with LED-indicators for DIN-rail Mounting



Features

- 64 isolated digital input channels
- Either +/- voltage input for DI by group
- High-voltage isolation on input channels (2500 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

Specifications

Isolated Digital Input

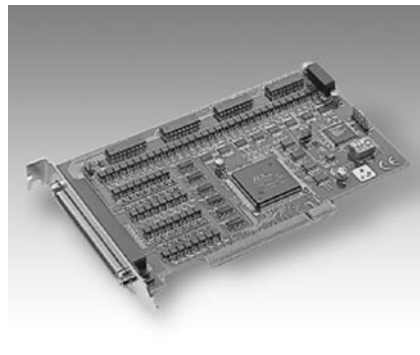
- **Channels** 64 (16-ch/group)
- **Input Voltage** Logic 0: 3 V max.
Logic 1: 10 V min. (50 V max.)
- **Input Current (Typical)** 10 V_{DC} @ 1.7 mA, 12 V_{DC} @ 2.1 mA
24 V_{DC} @ 4.4 mA, 48 V_{DC} @ 9.0 mA
50 V_{DC} @ 9.4 mA
- **Interrupt Capable Ch.** 4
- **Isolation Protection** 2,500 V_{DC}
- **Overvoltage Protection** 70 V_{DC}
- **ESD** 2,000 V_{DC}
- **Opto-Isolator Response** 25 μs

General

- **Bus Type** PCI V2.2
- **I/O Connectors** 100-pin SCSI-II female
- **Dimensions (L x H)** 175x100mm (6.9"x3.9")
- **Power Consumption** Typical: +5 V @ 340 mA
Max.: +5 V @ 450 mA
- **Operating Temperature** 0~60° C (32 ~ 140° F)
-20~70° C (-4 ~ 158° F)
(IEC 68-2-1, 2)
- **Storing Temperature** -20~70° C (-4 ~ 158° F)
- **Storing Humidity** 5~95% RH (IEC 68-2-3)
non-condensing

Ordering Information

- **PCI-1754** 64-channel isolated digital input card
- **PCI-10250-1** 1w-pin to two 50-pin SCSI Casle, 1m
- **ADAM-3951** Wiring terminal module with LED-indicators for DIN-rail Mounting



Features

- Either +/- voltage input for DI by group
- Output status read-back for output channels
- Keeps digital output values after hot system reset

Specifications

Isolated Digital Input

- **Channels** 32 (16-ch/group)
- **Input Voltage** Logic 0: 3 V max.
Logic 1: 10 V min. (50 V max.)
- **Interrupt Capable Ch.** 2 (IDIO, IDI16)
- **Isolation Protection** 2,500 V_{DC}
- **Overvoltage Protection** 70 V_{DC}
- **ESD** 2,000 V_{DC}
- **Opto-Isolator Response** 25 μs
- **Input Current** 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

Isolated Digital Output

- **Channels** 32 (16-ch/group)
- **Output Type** Sink (NPN)
- **Isolation Protection** 2,500 V_{DC}
- **Output Voltage** 5 ~ 40 V_{DC}
- **Sink Current** 200 mA max./channel
- **Opto-isolator Response** 25 μs

General

- **Bus Type** PCI V2.2
- **I/O Connectors** 1 x 100-pin SCSI-II female
- **Dimensions (L x H)** 175x100mm (6.9"x3.9")
- **Power Consumption** Typical: +5 V @ 285 mA
Max.: +5 V @ 475 mA
- **Operating Temperature** 0~60° C (32 ~ 140° F)
(IEC 68-2-1, 2)
- **Storing Temperature** -20~70° C (-4 ~ 158° F)
- **Storing Humidity** 5~95% (IEC 68-2-3)
non-condensing

Ordering Information

- **PCI-1756** 64-channel Isolated Digital I/O Card
- **PCI-10250-1** 1w-pin to two 50-pin SCSI Casle, 1m
- **ADAM-3951** Wiring terminal module with LED-indicators for DIN-rail Mounting