

PCI-1752U

PCI-1754

PCI-1756

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64-ch Isolated Digital Output Universal PCI Card

64-ch Isolated Digital Input PCI Card

64-ch Isolated Digital I/O PCI Card



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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 reset
- 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 V_{DC}
- Output Voltage** 5 ~ 40 V_{DC}
- Sink Current** 200 mA max./channel
- Opto-isolator Response** 25 μs

General

- Bus Type** Universal PCI V2.2
- I/O Connectors** 1 x 100-pin SCSI female connector
- Dimensions (L x H)** 175 x 100mm (6.9" x 3.9")
- 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)
- Storage Temperature** -20 ~ 70° C (-4 ~ 158° F)
- Storage Humidity** 5 ~ 95% RH, (IEC 68-2-3)
non-condensing

Ordering Information

- PCI-1752U** 64-ch Isolated Digital Output Universal PCI Card
- PCL-10250-1** 100-pin SCSI to Two 50-pin SCSI Cable, 1 m
- ADAM-3951** 50-pin DIN-rail Wiring Board w/ LED Indicators

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

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** 1 x 100-pin SCSI female connector
- Dimensions (L x H)** 175 x 100mm (6.9" x 3.9")
- Power Consumption** Typical: +5 V @ 340 mA
Max.: +5 V @ 450 mA
- Operating Temperature** 0 ~ 60° C (32 ~ 140° F)
(IEC 68-2-1, 2)
- Storage Temperature** -20 ~ 70° C (-4 ~ 158° F)
- Storage Humidity** 5 ~ 95% RH (IEC 68-2-3)
non-condensing

Ordering Information

- PCI-1754** 64-ch Isolated Digital Input PCI Card
- PCL-10250-1** 100-pin SCSI to Two 50-pin SCSI Cable, 1 m
- ADAM-3951** 50-pin DIN-rail Wiring Board w/ LED Indicators

Features

- Either +/- voltage input for DI by group
- Output status readback
- Keeps the output settings and values after system hot reset
- Interrupt handling capability
- High-density 100-pin SCSI connector

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 (ID10, ID116)
- 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 female connector
- Dimensions (L x H)** 175 x 100mm (6.9" x 3.9")
- 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)
- Storage Temperature** -20 ~ 70° C (-4 ~ 158° F)
- Storage Humidity** 5 ~ 95 % (IEC 68-2-3)
non-condensing

Ordering Information

- PCI-1756** 64-ch Isolated Digital I/O PCI Card
- PCL-10250-1** 100-pin SCSI to Two 50-pin SCSI Cable, 1 m
- ADAM-3951** 50-pin DIN-rail Wiring Board w/ LED Indicators