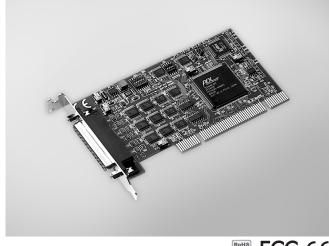
PCI-1757UP

24-ch Digital I/O Low Profile Universal PCI Card



Features

- Low profile PCI form factor
- Universal PCI bus
- 24 TTL level digital I/O channels
- Emulates mode 0 of 8255 PPI
- Buffered circuits provide higher driving capability
- Interrupt handling capability
- Output status read-back
- I/O configurable by software or on board DIP switch
- Keeps the output settings and values after system hot reset
- BoardID[™] switch
- Convenient DB25 connector
- Supports both dry and wet contact

Introduction

PCI-1757UP is a 24-channel digital I/O low profile PCI card that meets the PCI standard REV.2.2 (universal PCI expansion card). The card also works with 3.3 V and 5 V PCI slots, and provides you with 24 parallel digital input/output channels that emulate mode 0 of the 8255 PPI chip. However, the buffered circuits offer a higher driving capability than the 8255.

Specifications

Digital Input

| Channels | 24 (shared with output) |
|---------------|--------------------------|
| Compatibility | 5 V/TTL |
| Input Voltage | Logic 0: 0.8 V @ -0.2 mA |
| | Logic 1: 2.0 V @ 20 mA |

2

5 V/TTL

Sink: 24 mA

Source: 15 mA

Universal PCI V2.2

1 x DB25 female connector

120 x 64 mm (4.7" x 2.5") Low profile MD1

Logic 0: 0.5 V max. @ -24 mA

Logic 1: 3.7 V max. @ 24 mA

Interrupt Capable Ch.

Digital Output

- Channels 24 (shared with input)
- Compatibility
- Output Voltage
- Output Capability
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General

- Bus Type
- I/O Connectors
- Dimensions (L x H)
- Power Consumption

Imption Typical: 5 V @ 140 mA Max.: 5 V @ 200 mA

- Operating Temperature 0 ~ 70° C (32 ~ 158° F)
- Storage Temperature -20 ~ 80° C(-4 ~ 176° F)
- **Storage Humidity** 5 ~ 95% non-condensing

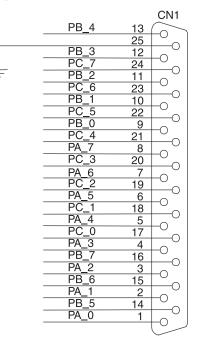
Ordering Information

- PCI-1757UP
- 24-ch Digital I/O Low Profile Universal PCI Card

DB25 DIN-rail Wiring Board

- Accessories
- ADAM-3925
- PCL-10125-1 DB25 Cable, 1 m
- PCL-10125-3 DB25 Cable, 3 m

Pin Assignments



FCC CE