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

FCC C € RoHS

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

• Interrupt Capable Ch. 2

Digital Output

• Channels 24 (shared with input)

Compatibility 5 V/TTL

• Output Voltage Logic 0: 0.5 V max.

Logic 1: 3.7 V min.

• Output Capability Sink: 0.5 V @ 24 mA

Source: 3.7 V @ 24 mA

General

Bus Type Universal PCI V2.2
I/O Connectors 1 x DB25 female connector

■ **Dimensions (L x H)** 120 x 64 mm (4.7" x 2.5") Low profile MD1

■ Power Consumption 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

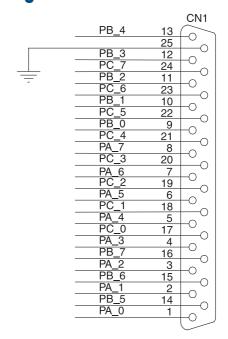
PCI-1757UP
24-ch Digital I/O Low Profile Universal PCI Card

Accessories

ADAM-3925 DB25 DIN-rail Wiring Board

PCL-10125-1E DB25 Cable, 1 m
PCL-10125-3E DB25 Cable, 3 m

Pin Assignments



ADVANTECH

Data Acquisition Boards