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

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- Interrupt Capable Ch.

Digital Output

- Channels 24 (shared with input) 5 V/TTL
- Compatibility
- Output Voltage
- Output Capability

General

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 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)	

Logic 0: 0.5 V max.

Logic 1: 3.7 V min.

Sink: 0.5 V @ 24 mA

Source: 3.7 V @ 24 mA

- 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



All product specifications are subject to change without notice