

About This Manual

This manual contains information about using the NI PCI/PXI-6703/6704 devices. The NI 6703/6704 devices are designed for precise DC setpoint applications and provide general-purpose digital I/O.

If you are using NI-DAQ 7.4 or later, refer to the *DAQ Quick Start Guide*, which you can download at ni.com/manuals. The *DAQ Quick Start Guide* offers NI-DAQ users step-by-step instructions for installing software and hardware, configuring channels and tasks, and getting started developing an application.

The NI 6703/6704 family includes the following devices:

- NI PCI-6703
- NI PCI-6704
- NI PXI-6704

Conventions

The following conventions appear in this manual:

<>

Angle brackets that contain numbers separated by an ellipsis represent a range of values associated with a bit or signal name—for example, P0.<3..0>.

»

The » symbol leads you through nested menu items and dialog box options to a final action. The sequence **File»Page Setup»Options** directs you to pull down the **File** menu, select the **Page Setup** item, and select **Options** from the last dialog box.



This icon denotes a note, which alerts you to important information.



This icon denotes a caution, which advises you of precautions to take to avoid injury, data loss, or a system crash.

bold

Bold text denotes items that you must select or click in the software, such as menu items and dialog box options. Bold text also denotes parameter names.

italic

Italic text denotes variables, emphasis, a cross reference, or an introduction to a key concept. This font also denotes text that is a placeholder for a word or value that you must supply.