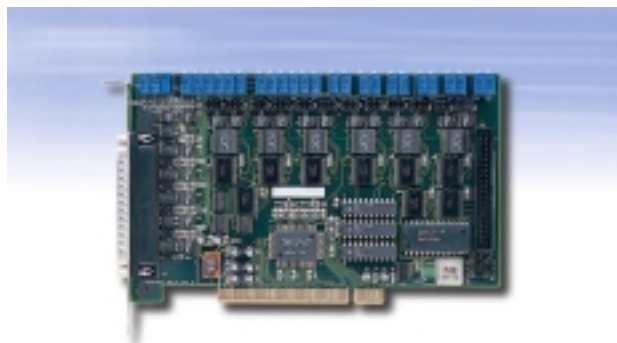




AX5320P

6 Channels Half-Sized D/A Board



Features

- PCI bus compatible, Low cost, half-sized D/A board
- 6 channels of 12-bit D/A output: The D/A converter may be operated with internal or external reference voltage
- 0 to 5V, 0 to 10V, -5V to +5V, -10V to +10V, 0 to 20mA, 4 to 20mA output range
- 8 bits general purpose TTL/DTL compatible digital output and digital input
- Furnished software diskette containing utility routines, example programs and calibration program
- Connects to a screw terminal panel available for analog output

General Description

The AX5320P is a half-sized, low cost D/A card that gives users of PCI bus compatibles, including laptops, an inexpensive solution. The AX5320P's analog output function is individually user selectable to the following ranges (unipolar or bipolar): 0V to 5V, 0V to 10V, -5V to +5V, -10V to +10V voltage outputs and 0 to 20mA, 4 to 20mA current loop. Each channel has one 12-bit D/A converter. The voltage and current outputs of AX5320P are typically used as direct control value positioning, programmable voltage source or for generating signals to control material transfer rate, fluid flow, power consumption, motor speed, temperature levels, etc.

8 bits digital input and 8 bits digital output are available, they are general purpose and TTL/DTL compatible.

Specification

D/A

- Number of Channels: 6
- Output Ranges: 0 to 5V, 0 to 10 V, -5V to +5V, -10V to +10V, 0 to 20mA, 4 to 20mA
- Output current for all voltage range: ± 5 mA max.
- Input Data Coding: Straight binary (unipolar), Offset Binary (bipolar)
- Voltage Output Source Impedance: 0.1Ω max.

DIO

- Input line: 8
- Output line: 8
- Input/Output level: TTL/DTL compatible

Interface Characteristic

- D/A connector: 37-pin D-type male connector
- Counter/Timer and DI/O connector: 40-pin male ribbon connector

Power Requirement

- +5VDC: 1.5A max.
- +12VDC: 150mA
- -12VDC: 100mA

Physical/Environment

- Dimension 175 x 110 mm
- Operating Temperature 0°C to 50°C
- Storage Temperature -25°C to 70°C
- Relative Humidity 0 to 90%, non-condensing

AXIOM Technology Co., Ltd.

8F, No. 4, Lane 235, Pao Chiao Rd., Hsin Tien City, Taipei, Taiwan R.O.C.
www.axiomtek.com.tw • Tel: 886-2-2917-4550 • Fax: 886-2-2917-3200



Ordering Information

AX5320P

6 Channels Half-Sized D/A Board including user's manual, and utility CD-ROM with Basic, C and Pascal drivers for DOS, Windows 95/95/NT drivers, and Linux driver.

- AX5003: 40-pin to 37-pin Extension Board

Terminal Boards

- AX851: Universal Screw Terminal Panel

Drivers for 3rd party S/W packages

- AS59061 Labtech Control and Notebook driver
- AS59011 Labview driver
- AS59130 DasyLab driver

Pin Assignment

