

SERVO-300

ISA Bus, 3-axis High-speed Servo Motor Control Card (V Command)

Features

- ISA bus servo motor control card
- 3-axis high-speed servo motor control card
- V command
- Drivers for DOS and Windows

Introduction

The **SERVO-300** is a 3-axis pulse command, servo motor control board. The embedded CPU of the SERVO-300 performs the motion commands transferred from a Host PC via a 2 KB FIFO buffer. It also sends the position and status to the Host PC via a second 2 KB FIFO buffer. These buffers provide time buffer and they are very suitable for Windows operating systems. Device drivers and function libraries for DOS, Windows 7 and Windows XP/2000 are provided.

Specifications

Model	SERVO-300
Software	
OS Support	Windows 95/98/ME/NT4.0
SDK	DOS 6.2
Hardware	
Connector	9-pin Male and 25-pin Female D-Sub
General	
No. of Axes	3
Operation Mode	Simulation, closed loop, open loop
Speed Profile	T-curve
Servo Update Rate	3 ms / 3 axes
Command Type	Voltage command
Axis I/O	
Servo Interface Output	SVON
Mechanical Switch Input	Home, forward, backward limit, EMG
Encoder Input	
Mode	A/B phase
Counting Rate	1 MHz (Max.)
Counter Width	32-bit
Pulse Output	
Counter Width	12-bit +/-10 V

Model	SERVO-300
Interpolation	
Circular	Any 2 axes
Linear	Any 2 to 3 of 3 axes
Digital Input	
Channels	8
Isolation	2500 Vrms optical isolation
Digital Output	
Channels	7
Isolation	2500 Vrms optical isolation
PC Bus	
Type	ISA bus
Power	
Consumption	+5 V @ 500 mA
Mechanical	
Dimensions (mm)	120.4 mm * 90.8 mm
Environment	
Operating Temperature	0 ~ +60°C
Storage Temperature	-20 ~ +80°C
Humidity	5 ~ 85% RH, Non-condensing

Ordering Information

SERVO-300	ISA Bus, 3-axis High-speed Servo Motor Control Card (V Command) Include : CA-9-2502 (9-pin Male & 25-pin Female D-Sub Cable 0.2 M) CA-PC09F (9-pin Female D-Sub Connector with Plastic Cover) CA-PC09M (9-pin Male D-Sub Connector with Plastic Cover) CA-PC25M (25-pin Male D-Sub Connector with Plastic Cover)

Accessories

DB-8R	Relay Board for SERVO-300 and PISO-PS300(U)
DB-200	Encoder Input Board for SERVO-300

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