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**, command-based 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:

Number of Axes	3
Slot Interface	ISA bus
Maximum Pulse Output Rate	-
Command Type	Voltage command
Resolution	12-bit +/-10 V
Servo Update Rate	3 ms / 3 axes
Pulse Output Mode	-
Operation Mode	Simulation, closed loop, open loop
Linear Interpolation	Any 2 to 3 of 3 axes
Circular Interpolation	Any 2 axes
Speed Curve Profile	T-curve
Motion Relative I/O	Home, forward, backward limit, EMG
Encoder Interface	CW/CCW, PULSE/DIR
Encoder Counter	32-bit
Encoder Rate	1 Mz
Digital Input Channels	8
Digital Output Channels	7
I/O Isolation	2500 Vrms optical isolation
Connector	9-pin male & 25-pin female D-Sub
Power Consumption	+5 V @ 500 mA
Environmental	
Operating Temperature	0 ~ +60°C
Storage Temperature	-20 ~ +80°C
Ambient Relative Humidity	0 ~ 90% RH, non-condensing
Dimensions	120.4 mm * 90.8 mm

Software Support:

Windows Driver/DLL/Lib	Windows 95/98/ME/NT4.0
DOS Library	DOS 6.2
Labview Development Kit	-
Linux Library	-

Ordering Information/Accessories:

Model No.	Description
SERVO-300 CR	ISA Bus, 3-axis High-speed Servo Motor Control Card (V Command) Includes: 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)
DB-8R	Relay Board for SERVO-300 and PISO-PS300(U)
DB-200	Encoder Input Board for SERVO-300