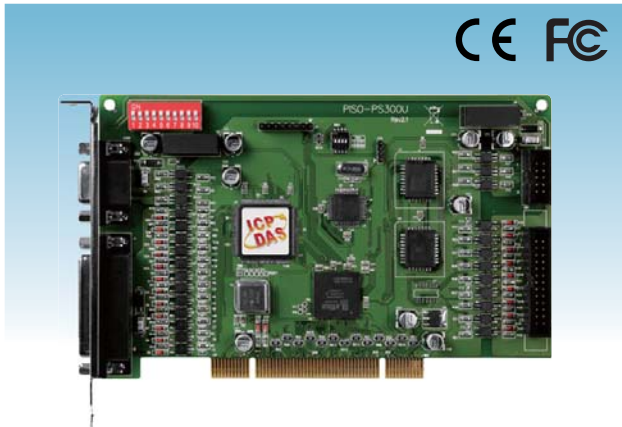


PISO-PS300U

PCI Bus, 3-axis Stepper Motor/Servo Control Card (Function Limited and Low Cost)



Features:

- PCI Bus, Universal PCI
- 3-axis Pulse-command Servo Motor Board
- Embedded CPU
- Max. Pulse Rate : 1 MHz
- 3-Axis Linear Interpolation, Circular Interpolation
- Programmable Trapezoidal Speed Profile
- Programmable DDA Cycle
- Hardware Emergency Stop
- DOS, Windows 95, Windows NT Driver
- 8 Digital Input, 7 Digital Output

Introduction:

The **PISO-PS300U** is a 3-axis Pulse command type, Servo motor control board. The embedded CPU of PISO-PS300U performs the motion command transferred from host-PC via a 2 KB FIFO. It also sends the position and status to host-PC via another 2 KB FIFO. This buffer provides time buffer and it is very suitable for windows operating system. This board provides DOS, Windows 98, Windows NT and Window XP drivers.

Specifications:

Number of axis	3
Slot Interface	Universal PCI bus
Maximum Pulse Output Rate	1 MHz
Command Type	Pulse Command
Resolution	32 bits
Servo Update Rate	-
Pulse Output Mode	CW_CCW, PULSE_DIR
Operation Mode	Semi-Close Loop
Linear Interpolation	Any 2 to 3 of 3 axes
Circular Interpolation	Any 2 axes
Speed Curve Profile	T curve
Moiton Relative I/O	Home, forward, backward limit, EMG, SVON
Synchronous Action	-
Ring counter Mode	-
Position Control mode	Incremental mode
Position Compare Trigger	-
Encoder Interface	AB phase,CW_CCW, PULSE_DIR

Encoder Counter	32 bits
Encoder Rate	1 Mz
Digital Input channel	8
Digital Output channel	7
DO Isolation	2500 V optical Isolation
Connector	9-pin Male & 25-pin Female D-sub
Power Consumption	+5 V @ 950 MA
Environment	
Operating Temperature	0 ~ +60 °C
Storage Temperature	-20 ~ +70 °C
Ambient Relative Humidity	0~90 % RH, condensing

Software Features:

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

Ordering Information/Accessories:

Model No.	Product Description
PISO-PS300U CR	Universal PCI Bus, 3-axis Stepper Motor/Servo Control Card (Function Limited and Low Cost, RoHS) Include : CA-9-2502 (9-pin Male & 25-pin Female D-sub Cable 0.2M) 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-PS300U