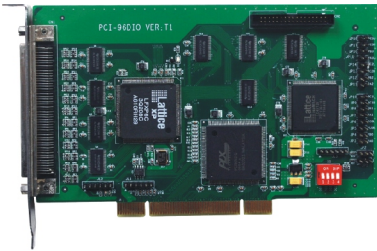


PCI-96DIO

PCI-96DIO emulates four 8255 PPI mode 0, providing up to 96-channel I/O ports; three 16-bit timer/counter; 3-channel PWM output. The function software of each group of ports is configurable



Specifications and Features

Digital I/O Channel

Channel: Up to 96-channel

Level Characteristics: TTL level compatible

Interrupt Method: External event trigger, mode match, status change

Data Throughput: 1M bytes/sec (MAX)

With hot-start function

Output status read-back

Supports dry contact and wet contact input

Programmable Timer/Counter Function:

Channel: Independent 3-channel

Bit: 16-bit

Counter Type: Count-down

Clock Input Method: Internal input or external input

Max. Input Frequency: 20Mhz

Level Characteristics: TTL level compatible

Count Method: Compatible with the two working methods of 8254

PWM Output

Channel: 3-channel

Resolution: Step Length = 100ns, error= \pm 10ns

High Level Cycle: (1~65535) x step length

Low Level Cycle: (1~65535) x step length

Output Voltage: $V_{CH(MIN)} = 4.5V @ 24mA$, $V_{OL(MAX)} = 0.55V$.

General Specifications

4-bit Board ID setup function

PCI2.1 specification compliant

Power Consumption: Typical: +5V @600mA; MAX.: +5V @2.8A

External Dimensions (L x H): 175mm x 106mm (6.9" x 4.2")

Operating Temperature: 0°C~60°C

Storage Temperature: -20°C~70°C

Relative Humidity: 5%~95% RH, (IEC 68-2-3), non-condensing

Ordering Information

Part Number	Model Number	Description
0060-003010	PCI-96DIO	Digital I/O card; emulates four 8255 PPI mode 0, up to 96-channel I/O port; three 16-bit timer/counter; 3-channel PWM output
0060-003530	PCLD-8750	SCSI-100 port industrial terminal board
0060-003030	PCLD-8751	68-pin SCSI-II port, digital isolated input
0060-003040	PCLD-8752	68-pin SCSI-II port, digital isolated output
0080-000990	PCL-101100-1M	SCSI-100 to SCSI-100 cable, matching PCLD-8750
0080-000930	PCL-10268-1M	SCSI-100 to 2-channel SCSI-68 cable, matching PCLD-8751 and PCLD-8752