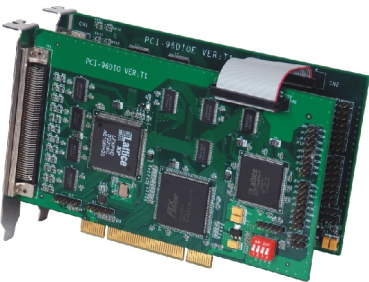


PCI-192DIO

PCI-192DIO emulates eight 8255 PPI mode 0, providing up to 192-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 192-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 = 1000ns, error= ± 10 ns
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

I/O Port Type: This products adopts the architecture of motherboard and daughterboard
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
0060-003300	PCI-192DIO	Digital I/O card; emulates eight 8255 PPI mode 0, up to 192-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