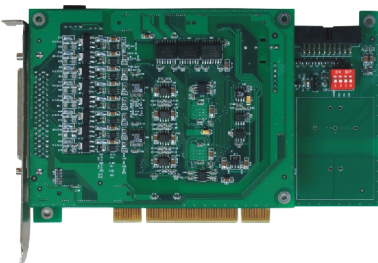


PCI-I8DA12

8-channel 12-bit isolated D/A output; 2-channel 16-bit counter input; 16-channel TTL digital I/O. It provides voltage and current signal output, as well as continuous analog signal output. Warm-start output maintaining function



Specifications and Features

Analog Output

Output Channel: 8-channel
Resolution: 12-bit
Accuracy: 0.05% FSR (FSR: Full Scale Range)
FIFO Size: 8K x 12-bit
Output Method: Continuous method, one-time method
Voltage Output:
Current Output:
Output Range: 0mA~20mA, 4mA~20mA
Settling Time: 16 μ s (Min.)
Output Load: 0~500 Ω
Sync Signal: Sync signal compatible with TTL, frequency up to 500KHz
Reference Source: Internal or external reference can be selected via jumpers, and the internal reference supports output
Isolation Voltage: 1000V_{DC}

Counter Input

Channel: 2-channel
Level Characteristics: Compatible with TTL
Resolution: 16-bit
Counter Mode: Count-down
Interrupt Source: Counter overflow
Input Signal Frequency: =10MHz

TTL Digital Input and Output

Channel: 16-channel
Level Characteristics: Compatible with TTL
Input/Output Direction: Programmable

General Specifications

I/O Port Type: It adopts the architecture of motherboard and daughter board

4-bit Board ID setup function

PCI-I8DA12 card adopts the architecture of motherboard and daughterboard, with 11mm cascade height of motherboard and daughterboard

Power Consumption: Typical: +5V@650mA; max.: +5V @1350mA

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

Dimensions of Daughterboard (L x H): 132mm x 98mm (5.2" x 3.9")

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
0060-003180	PCI-I8DA12	8-channel 12-bit isolated D/A output; 2-channel 16-bit counter input; 16-channel TTL digital I/O. It provides voltage and current signal output, as well as continuous analog signal output. Warm-start output maintaining function
0060-000590	PCLD-8710	SCSI-68 port industrial terminal board
0080-001020	PCL-10168-2M	SCSI-68 converter cable, matching PCLD-8710