

## Digital to Analog Output Board DA12-4(PCI)

- FEATURES**
- 4 channels for the analog output function for converting 12bit digital signals to analog voltages
  - Capable of updating the output voltage using a sampling clock
  - Independent, TTL-level external trigger input function

### SPECIFICATIONS

Outputs channels	4ch
Resolution	12bit
Output specification	
Output Range	±10V, ±5V, 0-10V (Settable for each channel by software)
Output rating	±5mA
Conversion Speed	10 μsec/ch (Max.)
Non-linearity error	±3LSB
Output impedance	10Ω or less
Trigger	1 TTL input
Isolation	-
Timer	500-1,073,741,824,000nsec (specifiable in steps of 250nsec)
Interrupt	
Interrupt Request Causes	8 Modes
Interrupt Request Level	One interrupt request signal as INTA

I/O address	Any 32-byte boundary
Power consumption (Max.)	+5VDC 600mA
PCI bus/	32bit, 33MHz, 5V/
Dimension (mm)	176.41(L)x106.68(H)
Connector	37-pin female D-type
Option	
Software	ACX-PAC(W32)BP, ACX-PAC(W32) AP, DDE SERVER(W32)
Accessories	DTP-3(PC), DTP-4(PC), EPD-37 <sup>*1</sup> , ATP-16 <sup>*1</sup>
Cables/ Connector	PCA37P, PCB37P, PCA37PS, PCB37PS, PCC16PS, CN5-D37M

\*1:Option cable of PCB37P or PCB37PS is required.



API function library attachment [API-PAC(W32)]

## Digital to Analog Output Board DA12-8(PCI)

- FEATURES**
- 8 channels for the analog output function for converting 12bit digital signals to analog voltages
  - Capable of updating the output voltage using a sampling clock
  - Independent, TTL-level external trigger input function

### SPECIFICATIONS

Outputs channels	8ch
Resolution	12bit
Output specification	
Output Range	±10V, ±5V, 0-10V (Settable for each channel by software)
Output rating	±5mA
Conversion Speed	10 μsec/ch (Max.)
Non-linearity error	±3LSB
Output impedance	10Ω or less
Trigger	1 TTL input
Isolation	-
Timer	500-1,073,741,824,000nsec (specifiable in steps of 250nsec)
Interrupt	
Interrupt Request Causes	8 Modes
Interrupt Request Level	One interrupt request signal as INTA

I/O address	Any 32-byte boundary
Power consumption (Max.)	+5VDC 800mA
PCI bus/	32bit, 33MHz, 5V/
Dimension (mm)	176.41(L)x106.68(H)
Connector	37-pin female D-type
Option	
Software	ACX-PAC(W32)BP, ACX-PAC(W32) AP, DDE SERVER(W32)
Accessories	DTP-3(PC), DTP-4(PC), EPD-37 <sup>*1</sup> , ATP-16 <sup>*1</sup>
Cables/ Connector	PCA37P, PCB37P, PCA37PS, PCB37PS, PCC16PS, CN5-D37M

\*1:Option cable of PCB37P or PCB37PS is required.



API function library attachment [API-PAC(W32)]

## Digital to Analog Output Board DA12-16(PCI)

- FEATURES**
- 16 channels for the analog output function for converting 12bit digital signals to analog voltages
  - Capable of updating the output voltage using a sampling clock
  - Independent, TTL-level external trigger input function

### SPECIFICATIONS

Outputs channels	16ch
Resolution	12bit
Output specification	
Output Range	±10V, ±5V, 0-10V (Settable for each channel by software)
Output rating	±5mA
Conversion Speed	10 μsec/ch (Max.)
Non-linearity error	±3LSB
Output impedance	10Ω or less
Trigger	1 TTL input
Isolation	-
Timer	500-1,073,741,824,000nsec (specifiable in steps of 250nsec)
Interrupt	
Interrupt Request Causes	8 Modes
Interrupt Request Level	One interrupt request signal as INTA

I/O address	Any 32-byte boundary
Power consumption (Max.)	+5VDC 1400mA
PCI bus/	32bit, 33MHz, 5V/
Dimension (mm)	176.41(L)x106.68(H)
Connector	37-pin female D-type
Option	
Software	ACX-PAC(W32)BP, ACX-PAC(W32)AP, DDE SERVER(W32)
Accessories	DTP-3(PC), DTP-4(PC), EPD-37 <sup>*1</sup> , ATP-16 <sup>*1</sup>
Cables/ Connector	PCA37P, PCB37P, PCA37PS, PCB37PS, PCC16PS, CN5-D37M

\*1:Option cable of PCB37P or PCB37PS is required.



API function library attachment [API-PAC(W32)]

## 16-bit Isolated Digital to Analog Output Board DAI16-4C(PCI)

- FEATURES**
- Compatible with voltage and current output
  - Highly accurate isolated analog output board
  - The channels are electrically isolated from each other also the PC and the output are isolated
  - Allows analog output to be updated using sampling clocks

### SPECIFICATIONS

Inputs channels	-
Outputs channels	4ch
Resolution	16bit
Input specification	
Input Range	-
Input gain	-
Conversion Speed	-
Non-linearity error	-
Input Impedance	-
Output specification	
Output Range	0-+10V, ±10V, 0-20mA
Output rating	Voltage (Output current:Max.±5mA, Current 0-20mA (Load resistance:Max.500Ω))
Conversion Speed	20 μsec/ch (Max.)
Non-linearity error	0-10V, ±10V : ±5LSB, 0-20mA : ±15LSB
Output impedance	10Ω or less (voltage output)
Trigger	1 opto-isolated input
Isolation	Individual Isolation

Timer	500nsec - 17min (specifiable in steps of 250nsec)
Digital I/O	-
Interrupt	
Interrupt Request Causes	9
Interrupt Request Level	one interrupt request signal as INTA
I/O address	Any 32-byte boundary
Power consumption (Max.)	DC+5V 2200mA
PCI bus/	32bit, 33MHz, 5V/
Dimension (mm)	176.41(L)x106.68(H)
Connector	37-pin male D-type
Option	
Software	ACX-PAC(W32)BP Ver.2.1 upper, ACX-PAC(W32)AP Ver.2.1 upper
Accessories	DTP-3(PC), DTP-4(PC), EPD-37 <sup>*1</sup>
Cables/ Connector	PCA37P, PCB37P, PCA37PS, PCB37PS, PCC16PS, CN5-D37M

\*1:Option cable of PCB37P or PCB37PS is required.



API function library attachment [API-PAC(W32)]

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ANALOG I/O

Lineup/Basic Knowledge

Intelligent E Series

Feature

PCI Bus

PC Card

Multi-Function F Series

Feature

PCI Bus

ISA Bus

Standard Type

PCI Bus

PC Card

USB

ISA Bus