

Digital to Analog Output

DA12-16(PCI)



API-PAC(W32) included [API Function Library]

SPECIFICATIONS

Output channels	16
Resolution	12bit
Output specifications	
Range	±10V, ±5V, 0~+10V (each channel software selectable)
Rating	±5mA
Conversion speed *1	10 μsec/ch (Max.)
Conversion Accuracy	±3LSB
Impedance	10 Ω or less
Trigger signal	1 TTL level input
Isolation	-
Timer	0.5 μsec~17min (selectable in 250nsec intervals)
Interrupts	
Request Events	8 different modes
Request Levels	One interrupt request signal as INTA

FEATURES

- 16 12-bit output channels for digital to analog conversion
- Updates output voltage via sampling clock
- Independent, external TTL-level trigger input function

I/O address	Any 32-byte boundary
Power Consumption	5VDC 1400mA (max)
PCI Bus /	32bit, 33MHz, 5V /
Dimensions (mm)	176.41(L) x 106.68(H)
Connector	37-pin female D-type
Options	
Software	ACX-PAC(W32)BP
Accessories	DTP-3(PC), DTP-4(PC), EPD-37A *2, EPD-37 *2, ATP-16 *2
Cables / Connectors	PCA37P-1.5, PCA37PS-0.5P/1.5P, PCB37P-1.5, PCB37PS-0.5P/1.5P, CN5-D37M

*1: Actual conversion speed dependant upon drivers and operating system

*2: Requires use of optional cable PCB37P or PCB37PS

16-Bit Isolated Digital to Analog Output

DAI16-4C(PCI)



API-PAC(W32) included [API Function Library]

SPECIFICATIONS

Input channels	-
Output channels	4
Resolution	16bit
Input specifications	
Range	-
Gain	-
Conversion speed *1	-
Conversion Accuracy	-
Impedance	-
Output specifications	
Range	±10V, 0~+10V, 0~20mA
Rating	Voltage output: 5mA, Current output: 500Ω (max)
Conversion speed *1	20 μsec/ch (max)
Conversion Accuracy	±5LSB (±15LSB only when current is 0~20mA)
Impedance	Voltage output: 1Ω or less
Trigger signal	1 opto-isolated input (for high sink current output)
Isolation	Individual isolation

FEATURES

- Independent high-precision digital to analog converter for each channel
- Small FIFO available
- Input range for each channel can be set independently

Timer	0.5μsec~17min (selectable in steps of 250nsec)
Digital I/O	-
Interrupts	
Request Levels	One interrupt request signal as INTA
Request Events	9 modes
I/O address	Any 32-byte boundary
Power Consumption	5VDC 2200mA (max)
PCI Bus /	32bit, 33MHz, 5V /
Dimensions (mm)	176.41(L) x 106.68(H)
Connector	37-pin female D-type
Options	
Software	ACX-PAC(W32)BP Ver.2.1 & up
Accessories	DTP-3(PC), DTP-4(PC), EPD-37A *2, EPD-37 *2
Cables / Connectors	PCA37P-1.5, PCA37PS-0.5P/1.5P, PCB37P-1.5, PCB37PS-0.5P/1.5P, CN5-D37M

*1: Actual conversion speed dependant upon drivers and operating system

*2: Requires use of optional cable PCB37P or PCB37PS

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ANALOG I/O

Product Lineup / Basic Knowledge

F Series Multi-Function I/O

Features

PCI

PC Card

E Series Intelligent I/O

Features

PCI

ISA

Standard I/O

Low Profile PCI / PCI

PC Card

USB

ISA