

## Opto-Isolated Digital Input

### PI-32L(PCI)H



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

#### SPECIFICATIONS

Input channels	32
Output channels	-
I/O Circuit	
Signal level	12~24VDC
Internal power	-
Input specifications	
Type	Opto-Isolated (for high sink current output)
Interrupts	32 input signals combine to one interrupt request signal as INTA
Resistance	4.7kΩ
Output specifications	
Type	-
Rating	-
Response time	200μsec (max)

#### FEATURES

- ★ 32 points opto-isolated for superb noise resistance (12 to 24VDC)
- ★ Fast response time (within 200μsecs) / Power saving design
- ★ All input signals can be used as interrupts
- Digital filter and interrupt trigger edge can be set via software

Wiring distance	50m (max)
I/O address	Any 32-byte boundary
Power consumption	+5VDC 200mA (max)
PCI bus /	32bit, 33MHz, 5V or 3.3V*2 /
Dimensions (mm)	121.69(L) x 105.68(H)
Connector	37-pin female D-type DCL-J37SAF-20L9[JAE] or equivalent

Options	
Software	ACX-PAC(W32)BP, ACX-PAC(W32)AP,
Accessories	DTP-3(PC), DTP-4(PC), EPD-37A *1, EPD-37 *1, CM-32(PC)E *1
Cables / Connectors	PCA37P, PCB37P, PCA37PS, PCB37PS, CN5-D37M

\*1: Requires use of optional cable PCB96W or PCB96WS  
\*2: +5V power must be supplied from PCI bus slot.

## Opto-Isolated Digital Input

### PI-32L(PCI)



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

#### SPECIFICATIONS

Input channels	32
Output channels	-
I/O Circuit	
Signal level	12~24VDC
Internal power	-
Input specifications	
Type	Opto-Isolated (for high sink current output)
Interrupts	4 input signals combine to one interrupt request signal as INTA
Resistance	3kΩ
Output specifications	
Type	-
Rating	-
Response time	1msec (max)

#### FEATURES

- ★ 32 points opto-isolated for superb noise resistance (12 to 24VDC)
- ★ Digital filter and interrupt trigger edge can be set via software
- Connector pin assignment is compatible with PI-32L(PC)V

Wiring distance	50m (max)
I/O address	Any 32-byte boundary
Power consumption	+5VDC 250mA (max)
PCI bus /	32bit, 33MHz, 5V /
Dimensions (mm)	176.41(L) x 106.68(H)
Connector	37-pin female D-type DCL-J37SAF-20L9[JAE] or equivalent

Options	
Software	ACX-PAC(W32)BP, ACX-PAC(W32)AP,
Accessories	DTP-3(PC), DTP-4(PC), EPD-37A *1, EPD-37 *1, CM-32(PC)E *1
Cables / Connectors	PCA37P, PCB37P, PCA37PS, PCB37PS, CN5-D37M

\*1: Requires use of optional cable PCB37P or PCB37PS

## Opto-Isolated Digital Input

### PI-64L(PCI)H



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

#### SPECIFICATIONS

Input channels	64
Output channels	-
I/O Circuit	
Signal level	12~24VDC
Internal power	-
Input specifications	
Type	Opto-Isolated (for high sink current output)
Interrupts	32 input signals combine to one interrupt request signal as INTA
Resistance	4.7kΩ
Output specifications	
Type	-
Rating	-
Response time	200μsec (max)

#### FEATURES

- ★ 64 points opto-isolated for superb noise resistance (12 to 24VDC)
- ★ Fast response time (within 200μsecs) / Power saving design
- ★ 32 input signals can be used as interrupts
- Digital filter and interrupt trigger edge can be set via software

Wiring distance	50m (max)
I/O address	Any 32-byte boundary
Power consumption	+5VDC 250mA (max)
PCI bus /	32bit, 33MHz, 5V or 3.3V*4 /
Dimensions (mm)	176.41(L) x 105.68(H)
Connector	PCR-E96LMD[HONDA Tsushin Kogyo] or equivalent

Options	
Software	ACX-PAC(W32)BP, ACX-PAC(W32)AP, EPD-96 *1, DTP-64(PC) *1, CM-64(PC)E *1, EPD-37A *2 EPD-37 *2, CM-32(PC)E *2, CCB-96 *3
Accessories	
Cables / Connectors	PCA96P, PCB96P, PCB96W, PCA96PS, PCB96PS, PCB96WS, CN5-H96F

\*1: Requires use of optional cable PCB96P or PCB96PS

\*2: Requires use of optional cable PCB96W or PCB96WS

\*3: Requires use of optional cable PCB96P or PCB96PS and 37-pin D-SUB

\*4: +5V power must be supplied from PCI bus slot.

## Opto-Isolated Digital Input Board

### PI-64L(PCI)



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

#### SPECIFICATIONS

Input channels	64
Output channels	-
I/O Circuit	
Signal level	DC12~24V
Internal power	-
Input specifications	
Type	Opto-Isolated (for high sink current output)
Interrupts	4 input signals combine to one interrupt request signal as INTA
Resistance	3kΩ
Output specifications	
Type	-
Rating	-
Response time	1msec (max)

#### FEATURES

- ★ 64 points opto-isolated for superb noise resistance (12 to 24VDC)
- ★ Digital filter and interrupt trigger edge can be set via software
- Connector pin assignment is compatible with PI-64L(PC)

Wiring distance	50m (max)
I/O address	Any 32-byte boundary
Power consumption	+5VDC 300mA (max)
PCI bus /	32bit, 33MHz, 5V /
Dimensions (mm)	176.41(L) x 106.68(H)
Connector	PCR-E96LMD[HONDA Tsushin Kogyo] or equivalent

Options	
Software	ACX-PAC(W32)BP, ACX-PAC(W32)AP, DTP-3(PC)*1, DTP-4(PC)*1, DTP-64(PC) *2, EPD-96 *2, CCB-96 *2, CM-32(PC) *1, CM-32(PC)E *1, CM-64(PC)E *2
Accessories	
Cables / Connectors	PCA96P, PCB96P, PCB96W, PCA96PS, PCB96PS, PCB96WS, CN5-H96F

\*1: Requires use of optional cable PCB96W or PCB96WS

\*2: Requires use of optional cable PCB96P or PCB96PS