

## Opto-Isolated Digital Input Board

PI-128L(PCI)

NEW



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

### SPECIFICATIONS

Inputs channels	128
Output channels	-
I/O Circuit	
Signal level	+12 - 24VDC
Internal power	-
Input specification	
Input type	Opto-Isolated Input (for high sink current output) (Negative logic)
Interrupt	Combine 16 interrupt signal lines to one interrupt request signal as INTA
Input resistance	4.7kΩ
Output specification	
Output type	-
Output rating	-
Expansion function	-
Response time (Max.)	200μsec

### FEATURES

- ★128 inputs on PCI short-size board (occupies 1 slot)
- ★High-speed response within 200μsec / low power consumption
- ★16 interrupt input with Digital Filter Function on
- Optional conversion cables from 100-pin to 96-pin half pitch

Maximum distance	50m
I/O address	Any 32-byte boundary
Power consumption (Max.)	+5VDC 500mA
PCI Bus / Dimension (mm)	32bit, 33MHz, 5V/176.41(L)x106.68(H)
Connector	HDRA-E100W1L-FDT1EC-SL[HONDA Tsushin Kogyo] or equivalent
Option	
Software	ACX-PAC(W32)BP , ACX-PAC(W32)AP
Accessories	EPD-96*1, DTP-64(PC)*1, CM-64(PC)E*1
Cables/Connector	PCB100/96PS

\*1:Option cable of PCB100/96PS is required.

## Opto-Isolated Digital Input Board with On-Board 12V Power Supply

PI-32B(PCI)



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

### SPECIFICATIONS

Inputs channels	32
Output channels	-
I/O Circuit	
Signal level	+12 - 24VDC
Internal power	DC12V 240mA
Input specification	
Input type	Opto-Isolated Input (for high sink current output) (Negative logic)
Interrupt	Combine four interrupt signal lines to one interrupt request signal as INTA
Input resistance	3kΩ
Output specification	
Output type	-
Output rating	-
Expansion function	Yes
Response time (Max.)	1msec

### FEATURES

- ★On board Isolated power supply
- ★The board has a digital filter input function by trigger edge and etc.
- Pin assignment of connector is compatible with PI-32B(PC)H

Maximum distance	50m
I/O address	Any 32-byte boundary
Power consumption (Max.)	+5VDC 300mA(External power) +5VDC 1200mA(On board power)
PCI bus/ Dimension (mm)	32bit, 33MHz, 5V/176.4(L)x107.0(H)
Connector	37-pin female D-type DCL-J37SAF-20L9[JAE] or equivalent
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 *1, CM-32(PC)E *1
Cables/ Connector	PCA37P, PCB37P, PCA37PS, PCB37PS, CN5-D37M

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

B-09

DIGITAL I/O

Lineup / Basic Knowledge

PCI Bus

Compact PCI Bus

PC Card

USB

Lineup (ISA Bus)

ISA Bus