

Wiring distance may vary depending on the product specifications and application environment. Please choose an appropriate cable.

Opto-Isolated Digital I/O PIO-32/32L(PCI)

PCI Input 32 Output 32 Isolated CE



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

SPECIFICATIONS

Input channels	32
Output channels	32
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	Opto-Isolated Open Collector (Current sinking type)
Rating	35VDC 100mA
Response time	1msec (max)

FEATURES

- ★ 32 points opto-isolated input, 32 points opto-isolated open collector output
- ★ Digital filter and interrupt trigger edge can be set via software
- Connector pin assignment is compatible with PIO-32/32L(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
Accessories	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
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

Opto-Isolated Digital I/O PIO-64/64L(PCI)

PCI Input 64 Output 64 Isolated



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

SPECIFICATIONS

Input channels	64
Output channels	64
I/O Circuit	
Signal level	12~24VDC
Internal power	-
Input specifications	
Type	Opto-Isolated (for high sink current output)
Interrupts	16 input signals combine to one interrupt request signal as INTA
Resistance	4.7kΩ
Output specifications	
Type	Opto-Isolated Open Collector (Current sinking type)
Rating	35VDC 100mA
Response time	200μsec (max)

FEATURES

- ★ 64 points opto-isolated input, 64 points opto-isolated open collector output
- ★ Fast response time (within 200μsecs.) / Power saving design
- ★ 16 interrupts featuring Digital Filter Function
- ★ Output transistor has built-in circuit protection (voltage surge, overcurrent)
- Conversion cables (100 to 96-pin half pitch) available

Wiring distance	50m (max)
I/O address	Any 32-byte boundary
Power consumption	+5VDC 500mA (max)
PCI bus /	32bit, 33MHz, 5V /
Dimensions (mm)	176.41(L) x 106.68(H)
Connector	HDRA-E100W1L-FDT1EC-SL [HONDA Tsushin Kogyo] or equivalent
Options	
Software	ACX-PAC(W32)BP, ACX-PAC(W32)AP
Accessories	EPD-96*1, DTP-64*1, CM-64(PC)E*1
Cables / Connectors	PCA100P, PCB100/96PS, PCB100WS

*1: Requires use of optional cable PCB100/96PS

Opto-Isolated High-speed Digital I/O PIO-32/32F(PCI)

PCI Input 32 Output 32 Isolated CE



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

SPECIFICATIONS

Input channels	32
Output channels	32
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	2.2kΩ
Output specifications	
Type	Opto-Isolated Open Collector (Current sinking type)
Rating	35VDC 50mA
Response time	5μsec (max)

FEATURES

- ★ Features High-speed photo coupler with 5 μsec (max) response time
- ★ Digital filter and interrupt trigger edge can be set via software
- Connector pin assignment compatible with PIO-32/32L(PC) and PIO-32/32L(PCI)

Wiring distance	50m (max)
I/O address	Any 32-byte boundary
Power consumption	+5VDC 500mA (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
Accessories	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
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