

[DIGITAL I/O] PCI Bus

For the optional items, please refer to Page J-02 (accessories and cables) and Page G-01 (software).

Opto-Isolated Digital Output Board
PO-32L(PCI)H



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

SPECIFICATIONS

Inputs channels	-
Output channels	32
I/O Circuit	
Signal level	+12 - 24VDC
Internal power	-
Input specification	
Input type	-
Interrupt	-
Input resistance	-
Output specification	
Output type	Opto-Isolated Collector Output (Current sinking type)
Output rating	+35VDC 100mA
Expansion function	Yes
Response time (Max.)	200μsec

FEATURES

- ★ Opto-isolated open collector output:32 points (35VDC, 100mA)
- ★ Quick response time of 200μsec or less
- Incorporates a protective circuit for the output transistor (surge voltage, excess current).

Maximum distance	50m
I/O address	Any 32-byte boundary
Power consumption (Max.)	+5VDC 250mA
PCI bus/Dimension (mm)	32bit, 33MHz, 5V/3.3V / 121.69(L) x 105.68(H)
Connector	37-pin female D-type DCL-J37SAF-20L9[JAE] or equivalent
Option	
Software	ACX-PAC(W32)BP, ACX-PAC(W32)AP,
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.

Opto-Isolated Digital Output Board
PO-32L(PCI)



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

SPECIFICATIONS

Inputs channels	-
Output channels	32
I/O Circuit	
Signal level	+12 - 24VDC
Internal power	-
Input specification	
Input type	-
Interrupt	-
Input resistance	-
Output specification	
Output type	Opto-Isolated Collector Output (Current sinking type)
Output rating	+35VDC 100mA
Expansion function	Yes
Response time (Max.)	1msec

FEATURES

- ★ Opto-isolated open collector output:32 points (35VDC, 100mA)
- Pin assignment of connector is compatible with PO-32L(PC)V

Maximum distance	50m
I/O address	Any 32-byte boundary
Power consumption (Max.)	+5VDC 250mA
PCI bus/Dimension (mm)	32bit, 33MHz, 5V/ 176.41(L) x 106.68(H)
Connector	37-pin female D-type DCL-J37SAF-20L9[JAE] or equivalent
Option	
Software	ACX-PAC(W32)BP, ACX-PAC(W32)AP,
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.

Opto-Isolated Digital Output Board
PO-64L(PCI)H



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

SPECIFICATIONS

Inputs channels	-
Output channels	64
I/O Circuit	
Signal level	+12 - 24VDC
Internal power	-
Input specification	
Input type	-
Interrupt	-
Input resistance	-
Output specification	
Output type	Opto-Isolated Collector Output (Current sinking type)
Output rating	+35VDC 100mA
Expansion function	Yes
Response time (Max.)	200μsec

FEATURES

- ★ Opto-isolated open collector output:64 points (35VDC, 100mA)
- ★ Quick response time of 200μsec or less
- Incorporates a protective circuit for the output transistor (surge voltage, excess current).

Maximum distance	50m
I/O address	Any 32-byte boundary
Power consumption (Max.)	+5VDC 250mA
PCI bus/Dimension (mm)	32bit, 33MHz, 5V/ 176.41(L) x 105.68(H)
Connector	PCR-E96LMD[HONDA Tsushin Kogyo] or equivalent
Option	
Software	ACX-PAC(W32)BP, ACX-PAC(W32)AP,
Accessories	EPD-96 *1, DTP-64 *1, CM-64(PC)E *1, EPD-37 *2, CM-32(PC)E *2, CCB-96 *3
Cables/Connector	PCA96P, PCB96P, PCB96W, PCA96PS, PCB96PS, PCB96WS, CN5-H96F

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

*2: Option cable of PCB37W or PCB37WS is required.

*3: Optional cable PCB96P or PCB96PS and 37-pin D-SUB cable must be purchased separately.

Opto-Isolated Digital Output Board
PO-64L(PCI)



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

SPECIFICATIONS

Inputs channels	-
Output channels	64
I/O Circuit	
Signal level	+12 - 24VDC
Internal power	-
Input specification	
Input type	-
Interrupt	-
Input resistance	-
Output specification	
Output type	Opto-Isolated Open Collector Output (current sinking type) (Negative logic)
Output rating	+35VDC 100mA
Expansion function	Yes
Response time (Max.)	1msec

FEATURES

- ★ Opto-isolated open collector output:64 points (35VDC, 100mA)
- ★ The board can read the state of the data currently being output without affecting the output data
- Pin assignment of connector is compatible with PO-64L(PC)

Maximum distance	50m
I/O address	Any 32-byte boundary
Power consumption (Max.)	+5VDC 300mA
PCI bus/Dimension (mm)	32bit, 33MHz, 5V/ 176.41(L) x 107.68(H)
Connector	PCR-E96LMD or equivalent [HONDA Tsushin Kogyo]
Option	
Software	ACX-PAC(W32)BP, ACX-PAC(W32)AP, DDE SERVER(W32)
Accessories	DTP-3(PC)*1, DTP-4(PC)*1, DTP-64(PC)*2, EPD-96*3, CCB-96*3, CM-32(PC)*1, CM-64(PC)E*2
Cables/Connector	PCA96P, PCB96P, PCB96W, PCA96PS, PCB96PS, PCB96WS, CN5-H96F

*1:Option cable of PCB96W or PCB96WS is required.

*2:Option cable of PCB96P or PCB96PS is required.