

# 6. Daughter Boards and Accessories

## 6-1 Daughter Boards (Screw Terminal Boards)

### Digital I/O Daughter Board Selection Guide

●: Full-function Support    ○: Uses a 20-pin Header, 16-channel Support only (Cable Option: /F)

Model	DB-16R	DB-24R	DB-24PR	DB-24C	DB-24OD	DB-24POR	DB-24SSR	DB-16P8R	DB-16P	DB-24P
<b>Function</b>	Digital Output (DO)							DI/DO	Digital Input (DI)	
DIN-Rail Mounting	-	Option	Option	Option	Option	Option	Option	Option	Option	-
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<b>PCI Express/PCI Bus, Non-isolated AD, DA Board</b>										
PEX-1002L/H	●	-	○	○	○	○	-	-	●	-
PEX-1202L/H	●	-	○	○	○	○	-	-	●	-
PEX-DA4/DA8/DA16	●	-	○	○	○	○	-	-	●	-
PCI-1802LU/HU	●	-	○	○	○	○	-	-	●	-
PCI-1800LU/HU	●	-	○	○	○	○	-	-	●	-
PCI-1602U/FU	●	-	○	○	○	○	-	-	●	-
PCI-1202LU/HU	●	-	○	○	○	○	-	-	●	-
PCI-1002LU/HU	●	-	○	○	○	○	-	-	●	-
PIO-821H/L	●	-	○	○	○	○	-	-	●	-
PIO-DA4U/DA8U/DA16U	●	-	○	○	○	○	-	-	●	-
PISO-DA4U/DA8U/DA16U	●	-	○	○	○	○	-	-	●	-
<b>PCI Express/PCI Bus, Digital I/O Board</b>										
PEX-D24	-	●	●	●	●	●	●	●	-	●
PEX-D48	-	●	●	●	●	●	●	●	-	●
PEX-D56	●	●	○	●	●	●	●	●	●	●
PEX-730	●	-	○	○	○	○	-	-	●	-
PIO-D24U	-	●	●	●	●	●	●	●	-	●
PIO-D48U	-	●	●	●	●	●	●	●	-	●
PIO-D56U	●	●	○	●	●	●	●	●	●	●
PIO-D64U	●	-	○	○	○	○	-	-	●	-
PIO-D96U	-	●	●	●	●	●	●	●	-	●
PIO-D144U/D144LU	-	●	●	●	●	●	●	●	-	●
PIO-D168U	-	●	●	●	●	●	●	●	-	●
PCI-M512U	●	-	○	○	○	○	-	-	●	-
PISO-730U/730-5V	●	-	○	○	○	○	-	-	●	-
PISO-730A(-5V)	●	-	○	○	○	○	-	-	●	-
PCI-TMC12A	●	-	○	○	○	○	-	-	●	-
<b>ISA Bus, Non-isolated AD, DA Board</b>										
A-826PG	●	-	○	○	○	○	-	-	●	-
A-823PGL/PGH	●	-	○	○	○	○	-	-	●	-
A-822PGL/PGH	●	-	○	○	○	○	-	-	●	-
A-821PGL/PGH	●	-	○	○	○	○	-	-	●	-
A-812PG	●	-	○	○	○	○	-	-	●	-
A-8111	●	-	○	○	○	○	-	-	●	-
A-726/626/628	●	-	○	○	○	○	-	-	●	-
<b>ISA Bus, Isolated DA Board</b>										
ISO-DA8/DA16	●	-	○	-	-	○	-	-	●	-
<b>ISA Bus, Digital I/O Board</b>										
DIO-96/144	-	●	●	●	●	●	●	●	-	●
DIO-64	●	-	○	○	○	○	-	-	●	-
DIO-48	-	●	●	●	●	●	●	●	-	●
DIO-24	-	●	●	●	●	●	●	●	-	●
ISO-730	●	-	○	○	○	○	-	-	●	-



## General Purpose Daughter Board Selection Guide for PCI Bus I/O Boards

●: Recommended Daughter Board    ○: Connects to 20-pin Header only (Digital I/O)

Model	DB-32R DB-16P16R	DB-8025	DB-8125	DB-8225	DB-8325	DB-8425	DB-1825	DB-889D	DB-37	DN-20	DN-37	DN-50	DN-68A	DN-100	
<b>Function</b>	Relay Output	Analog Input Screw Terminal Board						MUX		General Purpose Screw Terminal Board					
DIN-Rail Mounting	Option	-	-	Option	-	-	Option	-	-	Standard					
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<b>PCI Express/PCI Bus, Non-isolated AD, DA Board</b>															
PEX-1002L/H	-	○	○	-	-	-	●	-	●	○	●	-	-	-	
PEX-1202L/H	-	○	○	-	-	-	●	-	●	○	●	-	-	-	
PEX-DA4/DA8/DA16	-	○	○	-	-	-	●	-	●	○	●	-	-	-	
PCI-2602U	-	-	-	-	-	-	-	-	-	-	-	-	●	-	
PCI-1802LU/HU	-	○	○	-	-	-	●	-	●	○	●	-	-	-	
PCI-1800LU/HU	-	○	○	●	-	-	-	●	●	○	●	-	-	-	
PCI-1602U/FU	-	○	○	-	-	-	●	-	●	○	●	-	-	-	
PCI-1202LU/HU	-	○	○	-	-	-	●	-	●	○	●	-	-	-	
PCI-1002LU/HU	-	○	○	-	-	-	●	-	●	○	●	-	-	-	
PCI-822LU/826LU	-	○	○	-	-	-	●	-	●	○	●	-	-	-	
PIO-821H/L	-	○	○	●	-	-	-	●	●	○	●	-	-	-	
PIO-DA4U/DA8U/DA16U	-	○	○	-	-	-	-	-	●	○	●	-	-	-	
<b>PCI Bus, Isolated AD, DA Board</b>															
PISO-813	-	-	-	-	●	-	-	-	●	-	●	-	-	-	
PISO-DA2U	-	-	-	-	-	●	-	-	-	-	-	-	-	-	
PISO-DA4U/DA8U/DA16U	-	○	○	-	-	-	-	-	●	-	●	-	-	-	
<b>PCI Express/PCI Bus, Isolated Digital I/O Board</b>															
PEX-P8R8i/P16R16i	-	-	-	-	-	-	-	-	●	-	●	-	-	-	
PEX-P8POR8i/P16POR16i	-	-	-	-	-	-	-	-	●	-	●	-	-	-	
PEX-P64(-24V)	-	-	-	-	-	-	-	-	●	-	●	-	-	-	
PEX-C64	-	-	-	-	-	-	-	-	●	-	●	-	-	-	
PEX-P32C32/P32A32	-	-	-	-	-	-	-	-	●	-	●	-	-	-	
PEX-730	-	-	-	-	-	-	-	-	●	-	●	-	-	-	
PCI-P16R16U	-	-	-	-	-	-	-	-	●	-	●	-	-	-	
PCI-P16C16	-	-	-	-	-	-	-	-	●	-	●	-	-	-	
PCI-P16POR16U	-	-	-	-	-	-	-	-	●	-	●	-	-	-	
PISO-P8R8U/P8SSR8	-	-	-	-	-	-	-	-	●	-	●	-	-	-	
PISO-P32A32U(-5V)	-	-	-	-	-	-	-	-	●	-	●	-	-	-	
PISO-P32C32U(-5V)	●DB-16P16R	-	-	-	-	-	-	-	●	-	●	-	-	-	
PISO-P64U(-24V)	-	-	-	-	-	-	-	-	●	-	●	-	-	-	
PISO-C64U	●DB-32R	-	-	-	-	-	-	-	●	-	●	-	-	-	
PISO-A64	-	-	-	-	-	-	-	-	●	-	●	-	-	-	
PISO-730U(-5V)	-	○	○	-	-	-	-	-	●	○	●	-	-	-	
PISO-730A(-5V)	-	○	○	-	-	-	-	-	●	○	●	-	-	-	
PISO-725	-	-	-	-	-	-	-	-	●	-	●	-	-	-	
<b>PCI Express/PCI Bus, Digital I/O Board</b>															
PEX-D24	-	-	-	-	-	-	-	-	●	-	●	-	-	-	
PEX-D48	-	-	-	-	-	-	-	-	●	-	●	●	-	-	
PEX-D56	-	○	○	-	-	-	-	-	●	○	●	●	-	-	
PEX-D96S	-	-	-	-	-	-	-	-	-	-	-	-	-	●	
PEX-D144S	-	-	-	-	-	-	-	-	-	-	-	●	-	●	
PIO-D24U	-	-	-	-	-	-	-	-	●	-	●	-	-	-	
PIO-D48U	-	-	-	-	-	-	-	-	●	-	●	●	-	-	
PIO-D48SU	-	-	-	-	-	-	-	-	-	-	-	-	-	●	
PIO-D56U	-	○	○	-	-	-	-	-	●	○	●	●	-	-	
PIO-D64U	-	●	●	-	-	-	-	-	●	●	●	-	-	-	
PIO-D96U	-	-	-	-	-	-	-	-	●	-	●	●	-	-	
PIO-D96SU	-	-	-	-	-	-	-	-	-	-	-	-	-	●	
PIO-D144U/D144LU	-	-	-	-	-	-	-	-	●	-	●	●	-	-	
PIO-D168U	-	-	-	-	-	-	-	-	●	-	●	●	-	-	
PCI-M512	-	●	●	-	-	-	-	-	-	●	-	-	-	-	
<b>PCI Bus, Timer/Counter Board</b>															
PCI-TMC12A	-	○	○	-	-	-	-	-	●	○	●	-	-	-	

## General Purpose Daughter Board Selection Guide for ISA Bus I/O Boards

●: Recommended Daughter board    ○: Connects to 20-pin Header only (Digital I/O)

Model	DB-32R DB-16P16R	DB-8025	DB-8125	DB-8225	DB-8325	DB-1825	DB-889D	DB-37	DN-20	DN-25	DN-37	DN-50	
Function	Relay Output	Analog Input Screw Terminal Board					MUX		General Purpose Screw Terminal Board				
DIN-Rail Mounting	Option	-	-	Option	-	Option	-	Option	Standard				
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<b>ISA Bus, Non-isolated AD, DA Board</b>													
A-826PG	-	○	○	●	-	-	●	●	○	-	●	-	
A-823/822/821 PGL/PGH	-	○	○	●	-	-	●	●	○	-	●	-	
A-812PG	-	●	●	-	-	-	-	-	●	-	-	-	
A-8111	-	○	○	●	-	-	●	●	○	-	●	-	
A-628/626	-	○	○	-	-	-	-	●	○	-	●	-	
A-726	-	○	○	-	-	-	-	-	●	-	-	-	
<b>ISA Bus, Isolated AD, DA Board</b>													
ISA-AD32L/H	-	-	-	-	-	●	-	●	-	-	●	-	
ISO-813	-	-	-	-	●	-	-	●	-	-	●	-	
ISO-DA8/DA16	-	○	○	-	-	-	-	●	○	-	●	-	
<b>ISA Bus, Isolated Digital I/O Board</b>													
P16R16DIO/P8R8DIO	-	-	-	-	-	-	-	●	-	-	●	-	
ISO-P32C32	●DB-16P16R	-	-	-	-	-	-	●	-	-	●	-	
ISO-P64	-	-	-	-	-	-	-	●	-	-	●	-	
ISO-C64	●DB-32R	-	-	-	-	-	-	●	-	-	●	-	
ISO-730	-	○	○	-	-	-	-	●	○	-	●	-	
<b>PCI Express/PCI Bus, Digital I/O Board</b>													
DIO-24/48	-	-	-	-	-	-	-	-	-	-	-	●	
DIO-64	-	●	●	-	-	-	-	●	●	●	-	-	
DIO-96/144	-	-	-	-	-	-	-	-	-	-	-	●	
<b>ISA Bus, Timer/Counter Board</b>													
TMC-10	-	-	-	-	-	-	-	●	-	-	●	-	

## Option Table for Digital I/O Daughter Boards

Model	External Power Input (Relay Coil Voltage)		Cable Option				Without DIN-Rail Mount	With DIN- Rail Mount (/DIN)	Remarks	
	/12 V	/24 V	CA-5015	CA-3710	CA-2010	/D	/F	-		/DIN
DB-24R	✓	✓	✓	-	-	-	-	✓	✓	Example: 1. <b>DB-24PRD/24V/DIN:</b> DB-24PRD, with 24 V Coil Voltage, 37-pin D-sub Cable and DIN-Rail Mounting. 2. <b>DB-24PR/12/DIN:</b> DB-24PR, with 12 V Coil Voltage, 50-pin Flat Cable and DIN-Rail Mounting. 3. <b>DB-16P8R/D/DIN:</b> DB-16P8R, with 37-pin D-sub Cable and DIN-Rail Mounting.
DB-24RD	-	-	-	✓	-	-	-	✓	✓	
DB-24PR	✓	✓	✓	-	-	✓	-	✓	✓	
DB-24PRD	✓	✓	-	✓	-	-	-	✓	✓	
DB-24C	-	-	✓	-	✓	✓	-	✓	✓	
DB-24SSR	-	-	✓	-	✓	-	-	✓	✓	
DB-24POR	-	-	✓	-	✓	✓	-	✓	✓	
DB-16P8R	-	-	✓	-	✓	✓	-	✓	✓	
DB-24P	-	-	✓	-	-	-	-	✓	✓	
DB-24PD	-	-	-	✓	-	-	-	✓	✓	

## Option Table for Daughter Boards

Model	1 Meter Cable	2 Meter Cable	Without DIN-Rail Mount		With DIN-Rail Mount		Remarks
	-	/2	-	/N	-	/DIN	
DB-8225	✓	✓	✓	-	-	✓	Example: 1. <b>DN-37/N:</b> DN-37 without DIN-Rail Mounting. 2. <b>DB-1825/2/DIN:</b> DB-1825, with 37-pin D-sub Cable (2 m) and DIN-Rail Mounting.
DB-1825	✓	✓	✓	-	-	✓	
DB-8325	✓	✓	-	-	-	-	
DB-8425	-	-	✓	-	-	✓	
DN-20	✓	-	-	✓	-	-	
DN-25	✓	-	-	✓	-	-	
DN-37	✓	✓	-	✓	-	-	
DN-50	✓	-	-	✓	-	-	