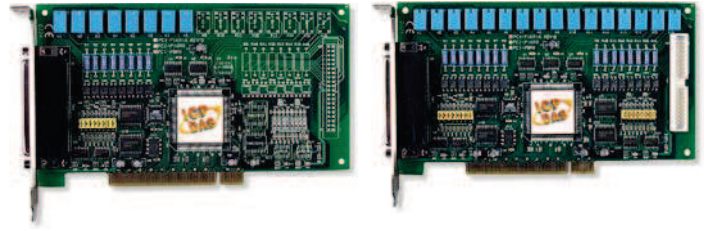


PCI-P8R8/PCI-P16R16

PCI Bus, 8-/16-ch isolated digital input and 8-/16-ch relay output Board



Features >>>

- PCI Bus (5 V) interface
- 8-/16-ch optically isolated digital input
- 8-/16-ch relay output
- Selectable DC signal input filter
- AC signal input with filter
- On-board LED indication for relay status

Introduction

The PCI-P16R16 provides 16 optically isolated inputs and 16 Relay outputs. The PCI-P16R16 has those two 37-pin D-Sub connector. It can be installed in a 5 V PCI slot and can support truly "Plug & Play".

The PCI-P8R8/P16R16 provides 8 or 16 optically isolated input channels and 8 or 16 Relay output channels. The PCI-P8R8 has one 37-pin D-Sub connector. The PCI-P16R16 has one 37-pin D-sub connector and one 40-pin male header. It can be installed in a 5 V PCI slot and can support truly "Plug & Play".

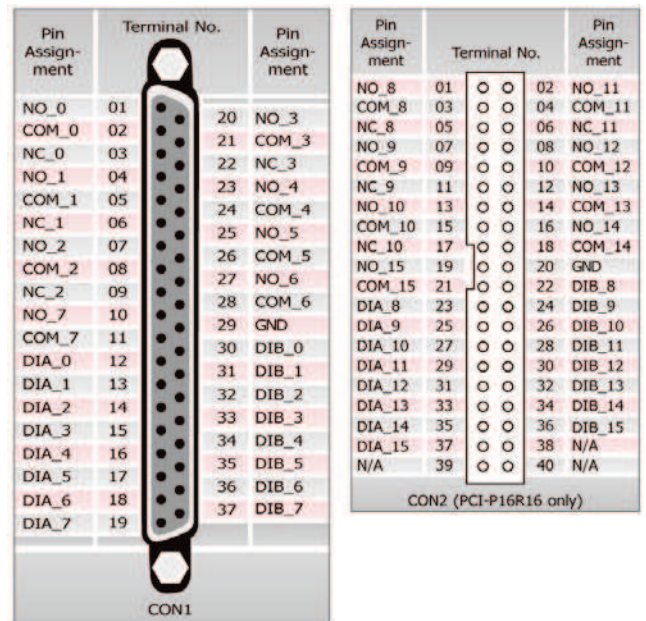
Software

- DOS Lib and TC sample program (with source codes)
- VB/VC/Delphi/BCB/VB.NET/C#.NET/MATLAB sample programs with source codes
- DLL and OCX SDK for 32-bit/64-bit Windows XP/2003/Vista/2008/7/8
- Support LabVIEW and Linux

Hardware Specifications

Models	PCI-P8R8	PCI-P16R16
Digital Input		
Isolation Voltage	5000 Vrms (Photo-couple)	
Channels	8	16
Input Logic Low	AC/DC 0 ~ 1 V	
Input Logic High	AC/DC 5 ~ 24 V(AC 50 ~ 1 kHz)	
Input Impedance	1.2 K Ω , 1 W	
Relay Output		
Channels	8	16
Isolation Voltage	4 SPDT, 4 SPST	
Operate Time	5 ms (Typical)	
Release Time	10 ms (Typical)	
Insulation Resistance	100 M Ω	
General		
Bus Type	5 V PCI, 32-bit, 33 MHz	
Connectors	Female Db-37 x1,	Female Db-37 x1, 40-pin Male box header x1
Power Consumption	500 mA @ +5 V	800 mA @ +5 V
Operating Temperature	0 °C ~ +60 °C	
Storage Temperature	-20 °C ~ +70 °C	
Humidity	5 ~ 85% RH, non-condensing	

Pin Assignments



Ordering Information

PCI-P8R8 CR	PCI Bus, 8-ch isolated digital input, 8-ch relay output (RoHs) Includes one CA-4002 D-Sub connector.
PCI-P16R16 CR	PCI Bus, 16-ch isolated digital input, 16-ch relay output (RoHs) Includes one CA-4037W cable and two CA-4002 D-Sub connectors.