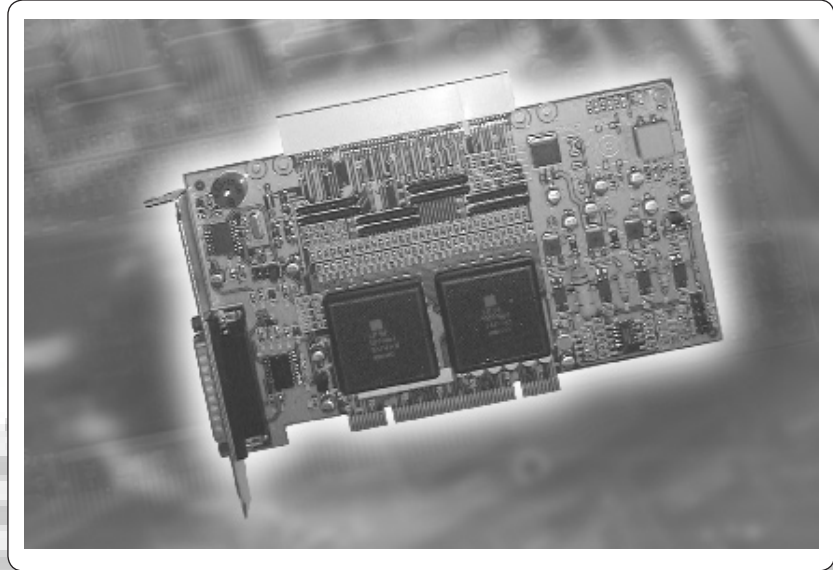


Introduction

The PCFACE-PCI32 is a high-speed 32-bit PCI bus extension interface protector with switchable bus isolation switches supporting 32-bit PCI card. High PCI signal integrity requirements are met with both high speed trace layout parameters, controlled high impedance and minimal ground inductance, and active bus isolation with low capacitance, resistance and delay to insure minimal effect on board under test. Special power monitoring and current limiting features insure a robust debug and test environment.

Features

- 3 indicator of 5V, 12V, -12V
- Switches of POWER, CONNECT/ ISOLATE and RESET.
- 32-bit PCI slot capcity
- Auto overload protect on 5V(3.3A), 12V(500mA), -12V(200mA):Board has selectable 5V power limit jumper with 1.1A/ 2.2A/3.3A.Over current can be supervised by the indicator
- Auto reset control:
The unit under test board is held in power-on-reset until power reaches proper level.
- Bus isolate:
 1. All bus signal and power will be isolated when power switch is off.
 2. Only signal bus will be isolated when bus isolate switch is off.
- Hot Insertion Capable:
The slot power switch will isolate every PCI signal including power from the board under test.



Spotlights

- ASIC designed with excellent stability and easy maintenance.
- Easy to detect shorted circuit according to power indication. It can prevent the malfunction power.
- Real signal extension system, all message can be test on the extension slot.
- Four layer designed, no disorderly message and with high stability.

Standard Accessories

- Main unit x 1
- CD-ROM x 1

Specifications

- Dimension : 18.3cm x 10.6cm x 2cm
- Weight : 180gs
- Temperature : +5°C to +45 °C
- Humidity : up to 90% non-condensing
- Altitude : up to 5000m
- Power Supply:
 - +5V/3A
 - +12V/500mA
 - +3.3V/3A

Advantages for using PCFACE-PCI32

ECONOMY

- Prevent PC from damage during experiments.
- Prevent PC from damages during interface card mending.

CONVENIENCE

- Unnecessary to open computer case to remove or insert the interface card.
- To turning on/off PCFACE-PCI32 instead of turning the whole PC system.
- No need to preset any decode, provide a easy and prompt operation.

Applications

- Able to be applicated in both industrial and academic field.
- R&D Dept and educational institute: for I/O designing or experiments.
- Maintenance Dept: to maintain all kinds of interface card.
- Interface card manufacturer: to do QC for their products.