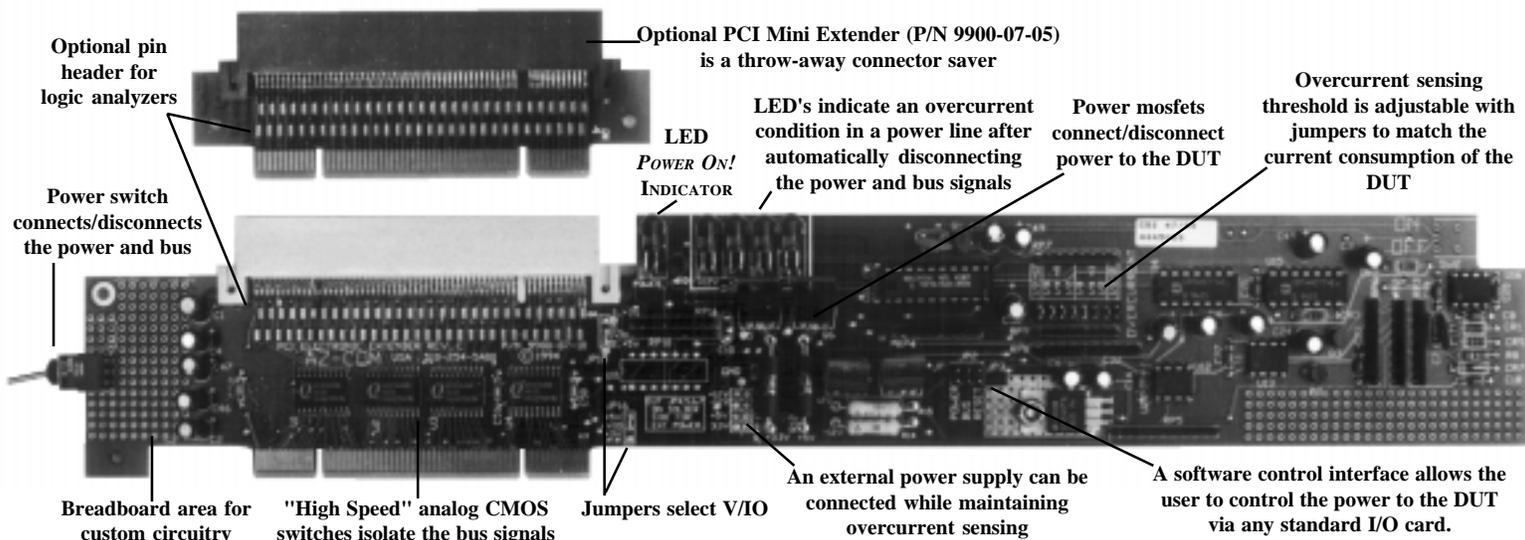


KEEP THE **POWER ON!** WITH

AZ-COM

PCI ELECTRONIC EXTENDER



GENERAL DESCRIPTION

The PCI Electronic Extender (PCIEE) is a device designed to enhance the process of testing and developing PCI Bus products. With the PCIEE you can disconnect the power and bus signals from the top connector and remove or insert tested cards with the PC power on. This not only saves time, but also protects the components of the PC from damage that results from constant Power On - Power Off cycling. Other features include:

- ◆ Overcurrent Sensing Circuitry that detects excessive current consumption and protects PC power lines by automatically disconnecting the tested card if overcurrent is detected. You can change the sensing threshold by simply changing the jumper settings.
- ◆ Simple to use optional software interface capability. Any simple I/O card can provide the necessary signals.
- ◆ Five LED's, one indicates whether the power to the top connector is on or off, the other four indicate an overcurrent condition and help detect faulty cards.
- ◆ "High Speed" CMOS switches are used to isolate the bus signals to minimize propagation delay.
- ◆ Breadboard area available on the board for custom circuitry.
- ◆ Ability to connect external power to the top connector to test cards under various power supply voltages.
- ◆ Optional pin headers below top connector for logic analyzers.

SPECIFICATIONS: P/N 9900-07-10

Maximum Current:	+5V, +3V 8A All others, 2A
Overcurrent setting:	+5V 4 A 100mV Threshold +12V 0.5A 240mV Threshold +3V 2.6A 66mV Threshold -12V 0.5A 240mV Threshold
Bus switch:	5 Ohm 10pF maximum at 0V/ 25 C.
Signal's direction:	All signals except for the RESET# signal are connected to the PC Bus via a bi-directional analog switch. The RESET signal is uni-directional from the PC bus into the top connector.
LED indicators:	Power On (1) Overcurrent (4)
Physical Traits:	Size: 2.5" high, 13.5" long Weight: 5 oz.

- ◆ Optional Mini Extender protects the top connector from wear. When the Mini Extender shows wear, simply replace it.

**1 YEAR LIMITED WARRANTY AND
30 DAY MONEY BACK GUARANTEE**

THE INDUSTRY LEADER IN ELECTRONIC EXTENDERS SINCE 1990