Keep the *Power ON!* with
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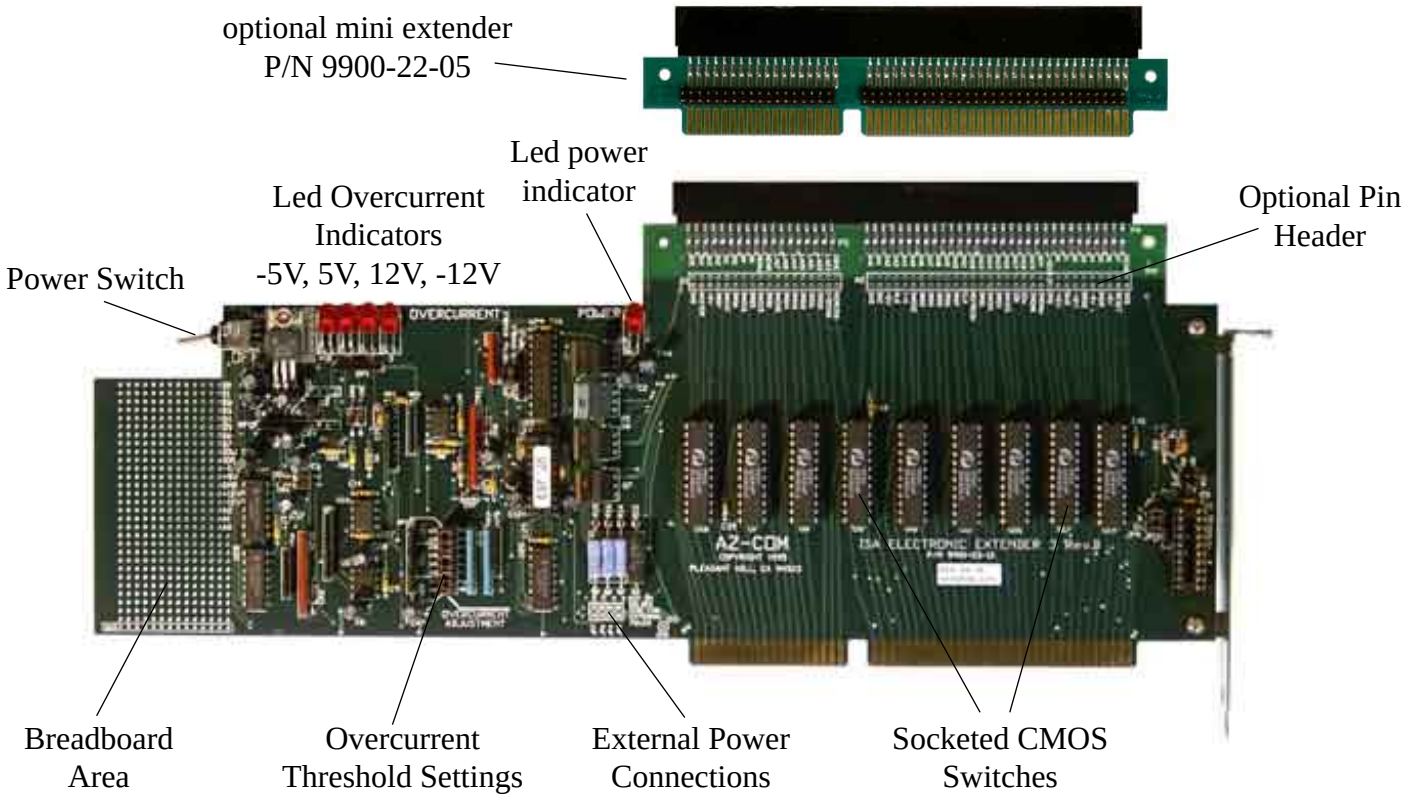
ISA Electronic Extender



The ISA Electronic Extender III (IEE3) is a device designed to enhance the process of testing and developing ISA Bus products. With the IEE3, 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:

- u Four layer design with a grounded backplane for low noise operation.
- u 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 jumper settings or the current sensing resistors.
- u Simple to use optional software interface capabilities with 14 I/O addresses available. Free demo program included.
- u 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. An overcurrent condition can also be tested by reading the status register.
- u Bus switches installed in sockets for easy replacement if damaged by faulty tested cards.
- u Breadboard area with all crucial signals available on the board.
- u Compatible with the ISA Electronic Extender, Universal PC Extender & High Speed version.
- u Ability to connect external power to the top connector to test cards under various power supply voltages.

SPECIFICATIONS:
P/N 9900-23-10

Maximum Current:	+5V: 4A, All others: 2A
Overcurrent setting:	+5V: 4 A
	+12V: 0.5A
	-12V: 0.1A
	- 5V: 0.25A
Bus switch:	7 Ohm maximum, 10pF maximum at 0V/ 25 C.
Signals' direction:	All signals except for RESET are connected to the PC Bus via bi-directional analog switches. The RESET signal is uni-directional from the PC bus into the top connector.
LED indicators:	Power On (1) Overcurrent (4)
Dimensions:	5.8" high, 13.5" long
Weight:	8.4 oz (238 gram)