KEY FEATURES

- ►Onboard Serial Port for Remote Monitoring
- ►Onboard Sensor Chip
- ► Dual 7-Segment LED Displays
- ►10-Position Dip Switch
- ►Works with any PCI bus system
- ►Digital Indicators for Every P.O.S.T. Code Error
- ►Monitors Power Supply Voltages & Temperatures
- ►Tests The Presence Of Clock And Reset Signals
- ►Plugs Into Any PCI I/O Slot
- ►Supports All Major BIOS Manufacturers

DESCRIPTION

Newly redesigned to have more features than its Rev. 7 predecessor. ELK-PCI-POST Rev. 10 is the ideal tool for any engineering department. This test card allows you to monitor POST codes both directly and remotely. ELK-PCI-POST-Serial monitors Ports 80 and 81, power supply voltages and system temperature. The ELK-PCI-POST-Serial displays port 80 and 81 results on two 7- segment displays and is capable of outputting the data through an on-board serial port. To view POST on the 7-segment display, simply insert the card into any PCI +5 or +3.3 volt slot and power up the system. The card will display all codes that are output by the system. The card is also equipped with a FIFO controller that stores every code being generated by the system. This allows the user to monitor every step of the test process by reviewing the POST code log remotely. Since every code is remotely logged, it can be compared to other logs at a later time. Since we are also monitoring port 81, you can use this port to monitor the execution of any code. When writing your source code, you can simply set error codes at different points. By monitoring the codes, you can easily determine hang-up points. With its serial output capability, it can be used to monitor codes remotely by using HyperTerminal or a similar utility. The codes can be monitored by a system up to 50 feet away, ideal for any temperature chamber testing. The ELK-PCI-POST-Serial also has the ability to monitor Bus power supply voltages and temperature. To test the power supply voltages, the card uses on-board voltage regulators to monitor the 5, 3.3, 12 and -12 voltage lines. The results can be viewed on the on-board 7-segment display or output through the serial port generating a real time reading of the voltages. The ELK-PCI-POST-Serial is also equipped with two optional temperature sensing probes. These probes can be placed anywhere on the system. With a 12-inch reach, the probes are ideal for testing temperature at specific system areas. The temperature is measured in Fahrenheit and Celsius scales simultaneously. Temperature results are output to a serial port, generating a real time reading. All of these features put the ELK-PCI-POST-Serial Rev. 10 in a class by itself. Its POST of both 80 and 81 simultaneously, remote capability, voltage and temperature monitoring abilities make it a must tool for any PC technician. It's monitoring and output ability, make it a necessity for any engineering and software development station.

SPECIFICATIONS

Onboard Serial Port for Remote Monitoring

The ELK-PCI-POST-Serial is also equipped with the capability to output both PORT 80 and PORT 81 data, voltage, and temperature values via a Serial Output

Onboard Sensor Chip

For Real-Time onboard measurement of voltage and temperature

Dual 7-Segment LED Displays

The ELK-PCI-POST-Serial is equipped with dual 7-Segment displays that can simultaneously display both PORT 80 and 81 data.

10-Position Dip Switch

For simple and easy user control.

Works with any PCI bus system

The ELK-PCI-POST-Serial uses the latest decoding technology, follows established BIOS standards, and fully supports the complete PCI specifications* to greatly reduce or eliminate the guesswork involved in troubleshooting systems that fail to boot.

Digital Indicators for Every P.O.S.T. Code Error

The ELK-PCI-POST-Serial is the world first diagnostic card for monitoring P.O.S.T. results in systems utilizing PCI architecture. This test card provides the user with visual digital indicators for identifying every P.O.S.T. error code. The card is also capable of testing the presence of the Clock and Reset signals.

Monitors Power Supply Voltages & Temperatures

The card uses on-board voltage regulators to monitor the 5, 3.3, 12 and -12 voltage lines. In addition, the card is equipped with two optional temperature sensing probes. Information is routed through the serial PORT, generating a real-time reading of the voltage and temperature.

Tests The Presence Of Clock And Reset Signals

The ELK-PCI-POST-Serial monitors the Clock and Reset lines These are the mostcritical signals a system needs to begin the boot-up process. QuickPOST PCI uses LEDs to let users know, if one or both of these signals are not present.

Plugs Into Any PCI I/O Slot

The ELK-PCI-POST-Serial plugs into any open PCI I/O slot. Once the system is powered-up, the card is already at work monitoring the BIOS P.O.S.T. routines.

Supports All Major BIOS Manufacturers

The ELK-PCI-POST-Serial comes with a user friendly manual that describes error codes from all major BIOS manufacturers including AMI, AWARD, IBM, COMPAQ, PHOENIX and more...

ORDERING INFORMATION

MODEL	DESCRIPTION
ELK-PCI-POST-Serial	Comes with ELK-PCI-POST-Serial Rev.10c H/W card and Manual. (Optional: Temp. Probes)

All Specifications within this document are subject to change without notice.

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