



OVERVIEW

The PCCTest 170 series of socket testers provides a quick and accurate way to verify the functionality of a PCMCIA host socket. Housed in a Type II PC Card, the PCCTest unit is fully self-contained. It can verify all data, address and control signals on a PCMCIA Release 2.1 or PC Card '95 compliant interface. The PCCTest 170 model supports mixed voltage operation and the voltage sense pins defined in the February 1995 release of the PC Card Specification.

The PCCTest's integrated A/D converter measures the socket's supply and programming voltages. A custom ASIC provides test coverage for all other pins.

The PCCTest 170 includes software to support a wide variety of PCMCIA host controller chips. This software runs under DOS and will test the host socket in PC Card 16 mode. For non-DOS platforms Sycard Technology supplies a PCCTest 170 development kit. This kit includes sample source code and a technical reference manual to create royalty free test code.

PCCTest is designed to verify all pins and will insure that your system operates with today's Release 2.1 cards and tomorrow's PC Card '95 peripherals.



KEY FEATURES

- Standard Type II PC Card form factor
- Accurate Vcc and Vpp measurements
- 3.3V/5V Operation
- Works with the following host controllers:
 - Intel 82365SL and 82365SL-DF
 - Vadem VG-365, 465, 468, 469
 - Cirrus Logic CLPD-6710/20/22/ 29/30 CLPD-6832
 - Ricoh RF5C266/296/366/396 RL5C466/465/476/478
 - O2 Micro OZ6832/6836/6860
 - Texas Instruments, PCI 1030/1031/ 1050, PCI 1130/1131/1220/1250
- Verifies the following interface signals:
 - Address Lines (26)
 - Data lines (16)
 - Card Selects (2)
 - R/W Strobes (4)
 - Vpp and Vcc Levels
 - Battery Voltage Detects (2)
 - Reset, Ready/Busy, Write Protect and Wait
 - Voltage Sense (2)
- Software customization available to support special OEM requirements
- Uses quality AMP connectors for long service life

ACCESSORIES SUPPLIED

- PCCTest operations manual
- PCCTest software

PCCTest 170 Development Kit Includes:

- PCCTest 170 test card
- PCCTest technical reference manual
- PCCTest software and sample source code

MECHANICAL SPECIFICATIONS

Physical

Width	54 mm
Length	84.6 mm
Thickness	5.0 mm

Electrical

+ 5V ± 10% @ 100 mA max
+ 3.3 V ± 3.0 V @ 100 mA max

Environmental

Temp	0 to 50 C
Humidity	8% to 80% non-condensing

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