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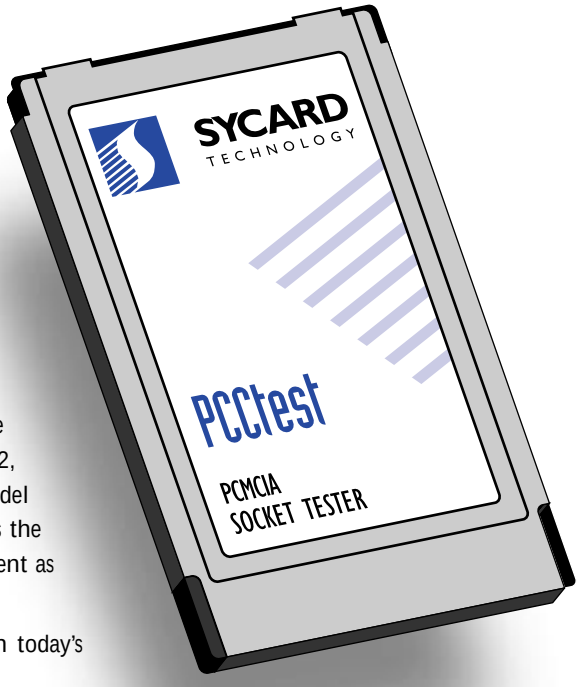
PRODUCT BRIEF

SYCARD TECHNOLOGY

PCCtest 270/370
PCMCIA Socket Tester

OVERVIEW

The PCCtest 270/370 series of socket testers provide a quick and accurate way to verify the functionality of a 16-Bit PC Card 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 270/370 models support Direct Memory Access (DMA), mixed voltage operation and the voltage sense pins defined in the February 1995 release of the PC card Specification.



The PCCtest's on-board microcontroller provides test stimulus and controls an integrated A/D converter to measure the socket's supply voltages. A digital audio test provides a standard 1KHz tone to test the audio output function. DMA read or write transactions are initiated by the PCCtest card. All three DMA routings are supported.

PCCtest includes software designed to run on a variety of host socket controllers. The test software supports the Intel 82365SL, Vadem VG-468, Cirrus Logic CLPD6710/20/22, Ricoh, Omega Micro and Databook socket controllers. An optional RS-232 interface (Model 370) allows for interactive terminal debugging of the interface. This unique feature allows the user to debug a "dead" socket. The PCCtest series is useful in a production test environment as well as the engineering lab.

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
- ☐ On-board microcontroller
- ☐ Accurate Vcc and Vpp measurements
- ☐ 3.3V/5V Operation
- ☐ Full Direct Memory Access (DMA) Support
- ☐ Works with the following host controllers:
  - ■ Intel 82365SL and 82365SL-DF
  - ■ Vadem VG-365, 465, 468
  - ■ Cirrus logic CLPD-6710/20/22/29/30
  - ■ Databook
  - ■ Ricoh
  - ■ Omega Micro
  - ■ Texas Instruments
- ☐ 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
  - ■ Card Detects and Voltage Sense (4)
- ☐ Generates digital audio test signal
- ☐ Optional RS-232 Debug port
- ☐ Software Customization available to support special OEM requirements
- ☐ Uses quality AMP connectors for long service life

ACCESSORIES SUPPLIED

- ☐ PCCtest operations manual
- ☐ PCCtest software

Model 370 Accessories

- ☐ PCCtest serial cable
- ☐ PCCtest 270/370 Technical Reference Manual

AVAILABILITY

NOW

SPECIFICATIONS

Physical

Width	54 mm
Length	84.6 mm
Thickness	5.0 mm

Electrical

+5V+ 10% @ 100mA max

+3.3V±0.3V @ 100mA max

Environmental

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

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