



SYCARD
TECHNOLOGY

PRODUCT BRIEF

PCCTest 273/373

PCMCIA Socket Tester

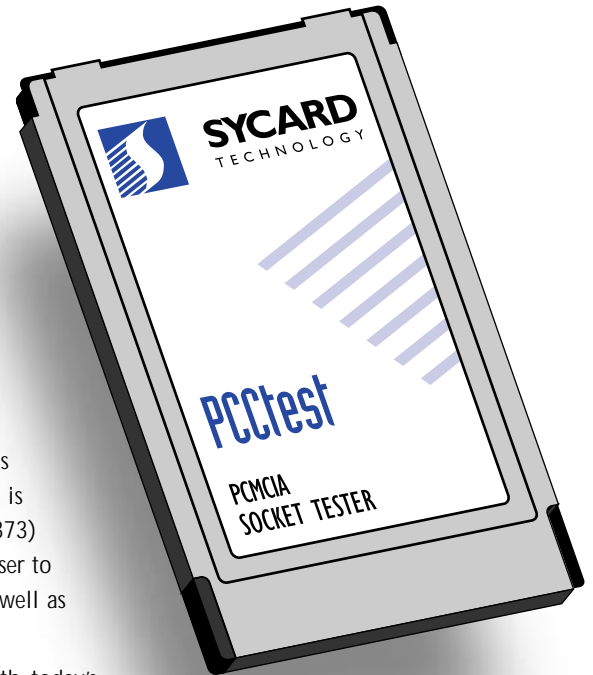
OVERVIEW

The PCCTest 273/373 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 273/373 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.

The models 273 and 373 were specifically designed for the special testing requirements of the Vadem VG-469 socket controller. Software included with the PCCTest 273/373 is designed to test the major features of the VG-469. An optional RS-232 interface (Model 373) 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
- Supports the Vadem VG-469
- 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)
- 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 373 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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