PRODUCT BRIEF

SYCARD TECHNOLOGY

CF test 222

CompactFlash™ Tester

Overview

The CF test 222 socket tester provides a quick and accurate way to verify the functionality of a CompacFlash™ host socket. Housed in a standard 3.3mm enclosure, the unit is fully self-contained. It can verify all data, address and control signals in both PC card ATA mode and IDE mode. The CF test 222 supports operation at 3.3 or 5.0V. The on-board A/D converter can measure the Vcc voltage with 8-bit resolution. The unit also includes a standard CIS to identify itself as a test card. This ID can be used by the host firmware to identify that the test card has been plugged in and to intitiate a test sequence.

The CF test 222 is designed for the special requirements of CompactFlash™ hosts based on the Intel SA-11xx series of controllers. Software developed for the CFtest 220 requires minimal modifications to run on the CFtest 222.

The CF test 222 card eliminates the need for complex and time consuming data transfers to standard CF cards to test the interface and test time can be reduced from several minutes to several seconds.

Key Features

- Standard CF factor
- Fully self-contained
- Accurate Vcc measurements
- 3.3V/5.0V operation
- Supports both PC Card and ATA and IDE modes
- Standard CF factor
  - Address lines (11)
  - Data lines (16)
  - Card Selects (2)
  - R/W strobes (4)
  - Battery voltage detects (2)
  - Master/Slave select (-CSEL)
  - -REG signal
  - -IO16 I/O is 16 bits
  - -INPACK input acknowledge
  - -IREQ interrupt request
  - -WAIT
  - Reset, Ready/Busy, Write Protect and Wait
  - High quality connectors for long service life

Mechanical Specifications

Physical

- Width: 42.8mm
- Length: 36.4mm
- Thickness: 3.3mm

Electrical

+5V+ 10% @ 100mA max
+3.3V + 0.3V @ 100A max

Environmental

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

Accessories Supplied

- CF test 222 Technical Reference Manual

Check out our website
www.sycard.com

CompactFlash™ is a trademark of the CompactFlash Associaition

Sycard Technology 1180-F Miraloma Way Sunnyvale CA 94085 (408) 749-0130 tel (408) 749-1323 fax