

New DDR-II 533Mhz

SP3000 DDR2 Memory Tester

New DDR-2
Fault-Focusing
Algorithm

CST Inc, a leading worldwide manufacturer of memory tester and automatic is proud to introduce the most affordable, high performance stand alone Memory Tester, specifically designed for high volume memory distributor, memory module manufacturers, dealers and service depot.

The SP3000 DDR2 Tester comes with a standard 240pin DIMM socket for testing the latest PC2-4300 & PC2 3200 DDR2 memory modules at "Real Bus Speed" and "Real Cycle Time".

The SP3000 DDR2 tester is designed and built with a flexible architecture which can support testing DRAM, SDRAM, DDR SDRAM & SGRAM memory module with a change of optional adapters



SP3000 Feature

Auto Identify:

- **Memory Type: Registered or Unbuffered**
- Memory Configuration
- Memory Size
- Memory Frequency
- ECC or Non-ECC

Real Bus Speed Testing

- Real Cycle Time
- Uses state-of the art- DDRII controller
- Super Fast Test time(256MB in 9secs)

Effective Test Algorithm

- Quick test, checks for assembly faults
- Detail March test, checks for functional failures
- Programming and checking SPD

NEW! **Fault Focusing – pinpoints to faulty chip(s)**

Ease of Use

- Easy to read LCD display
- 5 Easy Push Button Selection
- Output bad results to printer
- Buzzer for pass/fail indication
- Colored LED for Test, Pass and Fail status

Ez Upgrading

- Firmware upgrade via internet
- Support wide range of test adapters
- Support RoboFlex1 and RoboFlex2 Handler
- Interface with PC software via RS232 Port
- Universal power supply

Technical Specification

Clock Frequency	: 200 & 266 Mhz selectable
Data-rate	: 400 & 533 Mhz
Address depth	: 4 Giga-word (16 Row x 16 Col)
Data width	: 64 & 72 bit
Voltage range	: 1.7, 1.8 & 1.9V (5 % Bounce)
CAS Latency	: 3, 4 & 5 Clocks
Trcd & Trp Adjustment	: 3, 4 & 5 Clocks
Write Latency	: 2 & 3 Clocks
Internal bank	: 4 Banks & 8 Banks
Burst Length	: 4 & 8
ODT selection	: 75 & 150 ohm auto select
ODT adjustment	: Auto Calibration
Posted CAS (AL)	: 0, 1,2,3 & 4 Clocks
Refresh Cycle	: Auto / Self Refresh
DC Test Pattern	: Walk Data , Walk Address , DQS, DQM, CKE, CS , ODT and BA test
AC Test Pattern	: Mat-S, March-C, March-X, March Y and Moving Inversion
SPD Programming	: Read/Write & Editable Byte 0 – 255 Reversible SPD Write Protect

General Specification

DDR2 Test Adapter	: 240 Pin DDR2 DIMM (Standard) 200 Pin DDR2 SODIMM (optional)
Power Adapter	: input 100 /250 Vac, 50 /60Hz Output 12 VDC @ 2A
Operating Temperature	: 15 ~110 Degree F
Dimension	: 9.25" x 9.25" x 2"
Weight	: 6 pounds

SIMMTESTER.COM

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