

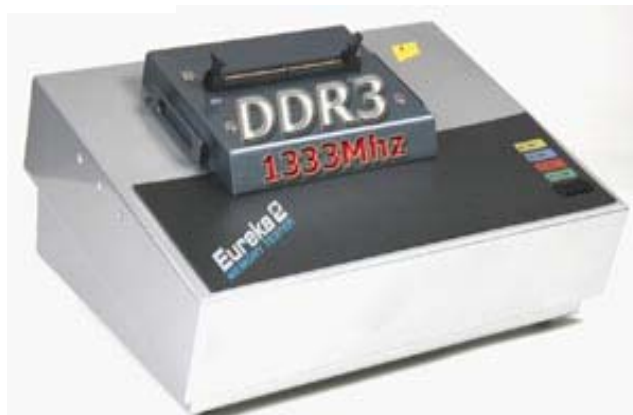
Eureka2 DDR3 1333Mhz

NEW! Innovative Memory Tester

CST Inc, a leading worldwide manufacturer of memory tester and automatic Handler is proud to introduce the new Eureka-II Memory Tester, specifically designed for high volume memory distributor, memory module manufacturers, and memory repair service centers

The Eureka-II DDR3 Tester support the standard 240pin DIMM socket for testing the latest PC3-6400,PC3- 8500,PC3-10666, DDR3 memory modules at "Real Bus Speed" and "Real Cycle Time".

The Eureka-II DDR3 tester is designed and built with a flexible architecture which can support testing DDR, DDR2, DDR3 DIMM memory module with a change of optional Test Adapters.



Eureka2 DDR3 Feature

Auto Identify:

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

Real Bus Speed Testing

- Real Cycle Time
- Super Fast Test time(1GB under 20secs)

Effective Test Algorithm

- Quick test, checks for assembly faults
- 20 Types of March test Pattern , to check for functional failures
- Programming and checking SPD
- **Fault Focusing pinpoint to faulty BGA chip**
- **DC Parametric/Leakage Test**

Advanced Feature.

- Intuitive User PC Interface Software
- User configurable Test Pattern
- Auto-Speed Sorting Tool
- SHMOO-Plot and Error Mapping Tool
- Auto Timing Setup
- Current measurement
- Programmable DDR3 AC Parameters

Ez Upgrading

- Firmware upgrade via internet
- Support RoboFlex2/RoboFlex3 Handler
- Interface with PC software via USB Port

Eureka2 DDR3 Technical Specification

| | |
|-----------------------|--|
| Clock Frequency | : 400, 533, & 667 Mhz selectable |
| Data-rate | : 800,1066 & 1333 Mhz |
| Address depth | : 4 Giga-word (16 Row x 16 Col) |
| Data width | : Expandable 64 & 72 bit |
| Voltage range | : 1.3,1.4.1.5.1.6,1.7,1.8,1.9 to 2.0V |
| ICC measurement | : IDD 0 – IDD7 |
| CAS Read Latency | : 5,6,7,8,9 & 10 Clocks |
| Trcd & Trp Adjustment | : 5,6,7,8,9 & 10 Clocks |
| Burst Length | : 4 & 8 |
| Cas Write Latency | : 5,6,7 & 8 clock |
| Mirror-Mode | : Automatic |
| Dynamic ODT Adjut | : 40,60, 120 ohm and Auto |
| ZQ Adjustment | : Auto Calibration |
| Refresh Cycle | : Auto / Self Refresh |
| DC Parametric Testing | : +/- 1 uA to 5mA |
| DC Test Pattern | : Walk Data , Walk Address , DQS, DQM, CKE, CS , and BA test |
| AC Test Pattern | : Mat-S, March-C, March-X, March Y(23 Type March Pattern) |
| SPD Programming | : Read/Write & Editable Byte 0 – 255 Reversible SPD Write Protect |

General Specification

| | |
|------------------------|---|
| Single Site | |
| DDR3 Test Adapter | : 240 Pin DDR3 DIMM (Standard) : 204 Pin DDR3 SODIMM (Optional) : 78/96 Ball BGA Chip Adapter |
| Power Adapter | : Input 100 /250 Vac, 50 /60Hz ATX |
| Operating Temperature | : 15 ~110 Degree F |
| Host PC (Not included) | : AMD or Intel P4 via USB interface |
| Operating System | : Microsoft Win98/2000, XP,Vista |

SIMMTESTER.COM

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