Introducing the first of its kind

EUREKA 2400

DDR4

CST Inc., a leading worldwide manufacturer of memory testers & automatic handlers, announces its NEW

2400 MHZ DDR4 EUREKA DIMM / SODIMM TESTER

specifically designed for high-volume memory distributors and memory module manufacturers. With progressive engineering and state of the art technology, the Eureka Express test system was created to be the next industry standard for DDR4 Memory testing. The tester performs functional tests for all DDR4 RDIMM, UDIMM, SODIMM, VLP-RDIMM, LRDIMM and BGA Chips.

FEATURES

High Performance System

- Auto ID : RDIMM, UDIMM & SODIMM
- Auto ID : Memory Configuration, Size
- Auto ID : Frequency, Cas Latency
- Detects : ECC and Non-ECC RDIMM
- Real Cycle Time Testing
- Super Fast Test Time

Effective Test Algorithm

- Quick Checks for Assembly Faults
- Up to 27 Test Patterns for Functional Tests
- Complete SPD Programming Tools
- Fault Focusing Tools to Detect Bad Chips
- Supports Heat Chamber

Ease of Use

- Interfaces with Desktop via USB Port
- Window-Driven Graphic System
- Pictorial Aid to Pinpoint Faulty Chip
- EZ Firmware Upgrade
- Supports All CST Auto-Handlers
- Supports Window XP, VISTA,
        Win 7, Win 8 & Win 10

Technical Specifications (DDR4 Testing)

Clock Frequency	: 800, 933,1066 & 1200 Mhz
Data Rate	: 1600, 1866, 2133 & 2400 Mhz
Address Depth	: 4 Gigawords Capacity up to 18Row x15Col
Data Width	: Expandable to 72 Bits
Voltage	: VDD 1.0 - 1.4, VPP 2.3 - 2.7
CAS Latency	: 9, 10, 11, 12, 13, 14, 15 & 16
Trcd & Trp	: 9, 10, 11, 12, 13, 14, 15 & 16
Burst Length	: 4 Chop & 8
CWL	: 9, 10, 11, 12, 14, 16 & 18
Mirror-Mode	: Auto
Dynamic ODT	: Auto , 34, 40, 48, 60, 80, 120 & 240 ohm
ZQ Adjust	: Auto Calibrate
Refresh Cycle	: Auto / Self Refresh
DC Test Pattern	: Walk Data, Address, CS, CKE, DQM, DQS Test
AC Test Pattern	: Mat-S, March B, March X, March Y, March G, March U, Mov-I, Hammer Read Test
SPD Program	: Write/Read 0 - 511 SWP, CWP

General Specs

Power Requirement	: 110 V - 230 V AC
Operating Temp	: -20 to 100 Degrees F
Humidty	: 20% to 80% , Non-Condensing
Dimension	: 235 x 220 x 140 mm - 10 Pounds
Host Computer	: Intel /AMD Based (USB 2.0 & 3.0)

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