SMART Memory Test Lab Report

Module Information

- Manufacturer Name: SMART MODULAR TECH
- Manufacturer P/N: SH1026SV351816-HD
- Memory Capacity: 8GB
- CAS Latency: C11-11-11
- Assembly Type: SINGLE BOARD NON STACKED
- Low Profile: NO
- DRAM Supplier: SKHYNIX
- DRAM Part Number: H5TC4G83DFR PBA
- PCB Part Number: M8008002
- PCB Layer Count: 6
- PLL P/N: N/A
- Volt %: Test Status: PASS
- Volt Low: Test Status: PASS
- Volt High: Test Status: PASS
- System Name: DFI CR100-CRM
- Serial Number: BOARD 1
- BIOS Version: 4.6.5.3
- Processor Code: INTEL® i7 3610QE
- OS Memory Size: 8GB
- OS Version: DOS
- Test Version: R4.0Y KEY MPM
- Comment: MONOLITHIC

MINIMUM SYSTEM INFORMATION

- System Name: DFI CR100-CRM
- Serial Number: BOARD 1
- BIOS Version: 4.6.5.3
- Processor Code: INTEL® i7 3610QE
- OS Memory Size: 8GB
- OS Version: DOS
- Test Version: R4.0Y KEY MPM
- Comment: MONOLITHIC

MAXIMUM SYSTEM INFORMATION

- System Name: DFI CR100-CRM
- Serial Number: BOARD 1
- BIOS Version: 4.6.5.3
- Processor Code: INTEL® i7 3610QE
- OS Memory Size: 16GB
- OS Version: DOS
- Test Version: R4.0Y KEY MPM
- Comment: MONOLITHIC

PRE-TESTING INFORMATION

- Board Revision: REV 1.1
- Insertion Test: PASS
- SPD Check: PASS
- DDR Speed Check: PASS
- Boot Time: 1 MIN
- Voltage Margining Info
  - Volt %: PASS
  - Volt Low: PASS
  - Volt High: PASS

TESTING DETAILS VOLT NOMINAL

- Temperature: 45C Time: 12Hr
- Start Date: 1/12/2017
- Stop Date: 1/14/2017
- DDR Speed Light: 1600 / 1.35V
- DDR Speed Heavy: 1600 / 1.35V

TESTING DETAILS VOLT NOMINAL

- Temperature: 0C Time: 12Hr
- Start Date: 1/12/2017
- Stop Date: 1/14/2017
- DDR Speed Light: 1600 / 1.35V
- DDR Speed Heavy: 1600 / 1.35V

Serial Number List

1) SFR201710999907
2) SFR201710999908
3)
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CONTACT INFORMATION

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- Test Traveler Notes: VERIFICATION

PC3 12800 SYSTEM VOLTAGE SET AT 1.35 VOLTS NOMINAL

- Light DDR Speed @ 1.35 Volt: 1600MHz
- Heavy DDR Speed @ 1.35 Volt: 1600MHz

Test Technician: Mark Durand

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DOCUMENT NUMBER: SF1380FR, Rev. F

Unless otherwise specified, verification of current revision is required before use.

October 31, 2016