

SMART Memory Test Lab Report



MOTHERBOARD	MANUFACTURER	CHIPSET	TEST NUMBER	TEST STATUS
DFI CR100-CRM	DFI®	Intel® QM77	SMTL0320	PASS

Module Information

Manufacturer Name:	SMART MODULAR TECH	Module Type:	DDR3 SOUDIMM PC3 12800
Manufacturer P/N:	SH1026SV351816-SE	CAS Latency:	C11-11-11
Memory Capacity:	8GB	Assembly Type:	SINGLE BOARD NON STACKED
Module Configuration:	2	Low Profile:	NO
DRAM Supplier:	SAMSUNG	Register P/N:	N/A
DRAM Part Number:	K4B4G0846E BYK0	PLL P/N:	N/A
PCB Part Number:	M471BG73QH3 V110	Dual Die Package:	MONOLITHIC
PCB Layer Count:	6	Comment:	

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:	

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:	

PRE-TESTING INFORMATION

Board Revision:	REV 1.1
Insertion Test:	PASS
SPD Check:	PASS
DDR Speed Check:	PASS
Boot Time:	1 MIN

TESTING DETAILS VOLT NOMINAL

Temperature:	45C	Time:	12Hr
Start Date:	1/14/2017	Stop Date:	1/17/2017
HPL Test Status:	PASS	Speed / Volts Light:	1600 / 1.35V
Speed / Volts Heavy:	1600 / 1.35V	Summary Min:	P
Summary Max:	P		

TESTING DETAILS VOLT NOMINAL

Temperature:	0C	Time:	12Hr
Start Date:	1/14/2017	Stop Date:	1/17/2017
HPL Test Status:	PASS	DDR Speed Light:	1600 / 1.35V
DDR Speed Heavy:	1600 / 1.35V	Summary Min:	P
Summary Max:	P		

Voltage Margining Info

Volt %	
Volt Low	
Volt High	

Test Status: **PASS**

Test Status: **PASS**

Serial Number List

1) SFR201710697566	2) SFR201710697567	3)	4)
5)	6)	7)	8)
9)	10)	11)	12)
13)	14)	15)	16)
17)	18)	19)	20)
21)	22)	23)	24)

CONTACT INFORMATION

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Test Traveler Notes:

VERIFICATION

PC3 12800/PC3 1600 SYSTEM VOLTAGE SET AT 1.35 VOLTS NOMINAL

Verified by: ARTHUR SAINIO

Light DDR Speed @ 1.35 Volt: 1600MHz

Heavy DDR Speed @ 1.35 Volt: 1600MHz

Test Technician: Mark Durand