

SMART Memory Test Lab Report



MOTHERBOARD	MANUFACTURER	CHIPSET	TEST NUMBER	TEST STATUS	
DFI CR100-CRM	DFI®	Intel® QM77	SMTL0318	PASS	
Module Information					
Manufacturer Name:	SMART MODULAR TECH	Module Type:	DDR3 SOUDIMM PC3 12800		
Manufacturer P/N:	SH1026SV351816-HD	CAS Latency:	C11-11-11		
Memory Capacity:	8GB	Assembly Type:	SINGLE BOARD NON STACKED		
Module Configuration:	2	Low Profile:	NO		
DRAM Supplier:	SKHYNIX	Register P/N:	N/A		
DRAM Part Number:	H5TC4G83DFR PBA	PLL P/N:	N/A		
PCB Part Number:	M8008002	Dual Die Package:	MONOLITHIC		
PCB Layer Count:	6	Comment:			
MINIMUM SYSTEM INFORMATION		MAXIMUM SYSTEM INFORMATION			
System Name:	DFI CR100-CRM	System Name:	DFI CR100-CRM		
Serial Number:	BOARD 1	Serial Number:	BOARD 1		
BIOS Version:	4.6.5.3	BIOS Version:	4.6.5.3		
Processor Code:	INTEL® i7 3610QE	Processor Code:	INTEL® i7 3610QE		
OS Memory Size:	8GB	OS Memory Size:	16GB		
OS Version:	DOS	OS Version:	DOS		
Test Version:	R4.0Y KEY MPM	Test Version:	R4.0Y KEY MPM		
Comment:		Comment:			
PRE-TESTING INFORMATION		TESTING DETAILS VOLT NOMINAL		TESTING DETAILS VOLT NOMINAL	
Board Revision:	REV 1.1	Temperature:	45C	Time:	12Hr
Insertion Test:	PASS	Start Date:	1/12/2017		
SPD Check:	PASS	Stop Date:	1/14/2017		
DDR Speed Check:	PASS	HPL Test Status:	PASS		
Boot Time:	1 MIN	Speed / Volts Light:	1600 / 1.35V		
		Speed / Volts 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) SFR201710999097	2) SFR201710999098	3)	4)		
5)	6)	7)	8)		
9)	10)	11)	12)		
13)	14)	15)	16)		
17)	18)	19)	20)		
21)	22)	23)	24)		
CONTACT INFORMATION					
Contact:	Arthur Sainio	Phone:	1-510-624-8126	e-mail: arthur.sainio@smartm.com	
Test Traveler Notes:			VERIFICATION		
PC3 12800 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					

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