

SMART Memory Test Lab Report



MOTHERBOARD	MANUFACTURER	CHIPSET	TEST NUMBER	TEST STATUS
S5520SCR	INTEL	INTEL 5520	SMTL0085	PASS

Module Information

Manufacturer Name:	SMART MODULAR TECH	Module Type:	DDR3 REGISTERED ECC DIMM
Manufacturer P/N:	SG1027RD351293-HB	CAS Latency:	C999
Memory Capacity:	8GB	Assembly Type:	SINGLE BOARD NON STACKED
Module Configuration:	6 PER CPU /12 TOTAL	Low Profile:	NO
DRAM Supplier:	HYNIX	Register P/N:	INPHI INSSTE32882LV-GS02
DRAM Part Number:	H5TQ2G43BFR-H9C	PLL P/N:	N/A
PCB Part Number:	1004-2AC	Dual Die Package:	MONOLITHIC
PCB Layer Count:	8	Comment:	

MINIMUM SYSTEM INFORMATION

System Name:	S5520SCR
Serial Number:	BZUB02700996
BIOS Version:	AMI S5500.E81084-751
Processor Code:	INTEL XEON X5650
OS Memory Size:	48GB
OS Version:	LINUX SMP 2.6.36
Test Version:	HPL XLINPAK 10.3.0
Comment:	

MAXIMUM SYSTEM INFORMATION

System Name:	S5520SCR
Serial Number:	BZUB02700996
BIOS Version:	AMI S5500.E81084-751
Processor Code:	INTEL XEON X5650
OS Memory Size:	96GB
OS Version:	LINUX SMP 2.6.36
Test Version:	HPL XLINPAK 10.3.0
Comment:	

PRE-TESTING INFORMATION

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

Voltage Margining Info

Volt %	+/-3%
Volt Low	1.45 volt
Volt High	1.55 volt

TESTING DETAILS FOR VOLT LOW

Temperature:	55C	Time:	12HRS
Start Date:	1/19/2011		
Stop Date:	1/25/2011		
HPL Test Status:	PASS		
DDR Speed:	1333MHz		
Summary Min:	X P		
Summary Max:	P		

Test Status: **PASS**

TESTING DETAILS FOR VOLT HIGH

Temperature:	55C	Time:	12HRS
Start Date:	1/20/2011		
Stop Date:	1/26/2011		
HPL Test Status:	PASS		
DDR Speed:	1333MHz		
Summary Min:	P		
Summary Max:	P		

Test Status: **PASS**

Serial Number List

1) SFR2010042954044	2) SFR2010042954033	3) SFR2010042954037	4) SFR2010042954042
5) SFR2010042954046	6) SFR2010042954040	7) SFR2010042954039	8) SFR2010042954038
9) SFR2010042954045	10) SFR2010042954043	11) SFR2010042954036	12) SFR2010042954041
13) SFR2010042954034	14) SFR2010042954035	15)	16)

CONTACT INFORMATION

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Test Traveler Notes:

VERIFICATION

Verified by: Jim Schwarz

Test Technician: Mark Durand

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