

# SMART Memory Test Lab Report



MOTHERBOARD	MANUFACTURER	CHIPSET	TEST NUMBER	TEST STATUS
S5520HCR	INTEL	INTEL 5520	SMTL0068	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		MAXIMUM SYSTEM INFORMATION	
System Name:	S5520HCR	System Name:	S5520HCR
Serial Number:	QSHN00401201	Serial Number:	QSHN00401201
BIOS Version:	AMI S5500.86B.01.00.0045	BIOS Version:	AMI S5500.86B.01.00.0045
Processor Code:	INTEL XEON X5570	Processor Code:	INTEL XEON X5570
OS Memory Size:	48GB	OS Memory Size:	96GB
OS Version:	LINUX SMP 2.6.28.10	OS Version:	LINUX SMP 2.6.28.10
Test Version:	HPL XLINPAK 10.2.3 MKL	Test Version:	HPL XLINPAK 10.2.3.MKL
Comment:		Comment:	

PRE-TESTING INFORMATION	TESTING DETAILS FOR VOLT LOW	TESTING DETAILS FOR VOLT HIGH
Board Revision:	Temperature: 55C	Temperature: 55C
Insertion Test: PASS	Time: 12HRS	Time: 12HRS
SPD Check: PASS	Start Date: 11/29/2010	Start Date: 12/3/2010
DDR Speed Check: PASS	Stop Date: 12/6/2010	Stop Date: 12/7/2010
Boot Time: 1 MIN	HPL Test Status: PASS	HPL Test Status: PASS
	DDR Speed: 1333MHz	DDR Speed: 1333MHz
	Summary Min: P	Summary Min: P
	Summary Max: P	Summary Max: P
<b>Voltage Margining Info</b>		
Volt % +/-3%		
Volt Low 1.45 volt		
Volt High 1.55 volt	Test Status: PASS	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)	14)	15)	16)

CONTACT INFORMATION	
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Test Traveler Notes:	VERIFICATION
	Verified by: Jim Schwarz
Test Technician: Mark Durand	

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