

SMART Memory Test Lab Report



MOTHERBOARD	MANUFACTURER	CHIPSET	TEST NUMBER	TEST STATUS
S5520HC/S5520HCV	INTEL	INTEL 5520	SMTL0010	PASS

Module Information			
Manufacturer Name:	SMART MODULAR TECH	Module Type:	DDR3 REGISTERED ECC DIMM
Manufacturer P/N:	SG5127RD325693SF	CAS Latency:	C999
Memory Capacity:	4GB	Assembly Type:	SINGLE BOARD NON STACKED
Module Configuration:	6 PER CPU /12 TOTAL	Low Profile:	NO
DRAM Supplier:	SAMSUNG	Register P/N:	IDT IDTSSTE32882
DRAM Part Number:	K4B1G0446F HCH9	PLL P/N:	N/A
PCB Part Number:	PH5BG240NESH3RE	Dual Die Package:	MONOLITHIC
PCB Layer Count:	10	Comment:	

MINIMUM SYSTEM INFORMATION		MAXIMUM SYSTEM INFORMATION	
System Name:	S5520HC	System Name:	S5520HC
Serial Number:	31550MB0000	Serial Number:	31550MB0000
BIOS Version:	PHOENIX-SMART 8011.000	BIOS Version:	PHOENIX-SMART 8011.0006
Processor Code:	INTEL XEON X5550	Processor Code:	INTEL XEON X5550
OS Memory Size:	24GB	OS Memory Size:	48GB
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	Time:	12HRS
Insertion Test:	PASS	Start Date:	4/23/2010	Start Date:	4/20/2010
SPD Check:	PASS	Stop Date:	4/28/2010	Stop Date:	4/27/2010
DDR Speed Check:	PASS	HPL Test Status:	PASS	HPL Test Status:	PASS
Boot Time:	1 MIN	DDR Speed:	1333MHz	DDR Speed:	1333MHz
		Summary Min:	P	Summary Min:	P
		Summary Max:	P	Summary Max:	P
Voltage Margining Info					
Volt %	+/-3%				
Volt Low	1.45 volt				
Volt High	1.55 volt	Test Status:	PASS	Test Status:	PASS

Serial Number List			
1) SFR2010032700033	2) SFR2010032700022	3) SFR2010032700031	4) SFR2010032700028
5) SFR2010032700017	6) SFR2010032700020	7) SFR2010032700027	8) SFR2010032700029
9) SFR2010032700037	10) SFR2010032700036	11) SFR2010032700021	12) SFR2010032700039
13) _____	14) _____	15) _____	16) _____

CONTACT INFORMATION			
Contact:	Arthur Sainio	Phone:	1-510-624-8126
		e-mail:	arthur.sainio@smartm.com

Test Traveler Notes:	VERIFICATION
	Verified by: Jim Schwarz

Test Technician:	Mark Durand
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