

SMART Memory Test Lab Report



MOTHERBOARD	MANUFACTURER	CHIPSET	TEST NUMBER	TEST STATUS
S5520SCR	INTEL	INTEL 5520	SMTL0029	PASS

Module Information			
Manufacturer Name:	SMART MODULAR TECH	Module Type:	DDR3 REGISTERED ECC DIMM
Manufacturer P/N:	SG1027RV351293-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:	IDT IDTSSTE32882 HLBKAG
DRAM Part Number:	H5TC2G43BFR-H9A	PLL P/N:	N/A
PCB Part Number:	1012-4FC	Dual Die Package:	MONOLITHIC
PCB Layer Count:	8	Comment:	

MINIMUM SYSTEM INFORMATION		MAXIMUM SYSTEM INFORMATION	
System Name:	S5520SCR	System Name:	S5520SCR
Serial Number:	QSHV00800136	Serial Number:	QSHV00800136
BIOS Version:	AMI S5500.86B.01.00.0045	BIOS Version:	AMI S5500.86B.01.00.0045
Processor Code:	INTEL XEON X5650	Processor Code:	INTEL XEON X5650
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 Time: 12HRS	Temperature: 55C Time: 12HRS
Insertion Test: PASS	Start Date: 8/6/2010	Start Date: 8/7/2010
SPD Check: PASS	Stop Date: 8/9/2010	Stop Date: 8/11/2010
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: X P
	Summary Max: P	Summary Max: P
Voltage Margining Info		
Volt % +/-3%		
Volt Low 1.31 volt		
Volt High 1.39 volt	Test Status: PASS	Test Status: PASS

Serial Number List			
1) SFR2010061036148	2) SFR2010061036150	3) SFR2010061036141	4) SFR2010061036149
5) SFR2010061036146	6) SFR2010061036142	7) SFR2010061036147	8) SFR2010061036143
9) SFR2010061036153	10) SFR2010061036152	11) SFR2010061036145	12) SFR2010061036140
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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