

SMART Memory Test Lab Report



MOTHERBOARD	MANUFACTURER	CHIPSET	TEST NUMBER	TEST STATUS
S5520HCR	INTEL	INTEL 5520	SMTL0080	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-HLBAKG
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

System Name:	S5520HCR
Serial Number:	QSHN00401201
BIOS Version:	AMI S5500.86B.01.00.0045
Processor Code:	INTEL XEON X5570
OS Memory Size:	24GB
OS Version:	LINUX SMP 2.6.36
Test Version:	HPL XLINPAK 10.3.0
Comment:	

MAXIMUM SYSTEM INFORMATION

System Name:	S5520HCR
Serial Number:	QSHN00401201
BIOS Version:	AMI S5500.86B.01.00.0045
Processor Code:	INTEL XEON X5570
OS Memory Size:	48GB
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:			1/6/2011
Stop Date:			1/10/2011
HPL Test Status:			PASS
DDR Speed:			1333MHz
Summary Min:			P
Summary Max:			P
Test Status:			PASS

TESTING DETAILS FOR VOLT HIGH

Temperature:	55C	Time:	12HRS
Start Date:			1/7/2011
Stop Date:			1/11/2011
HPL Test Status:			PASS
DDR Speed:			1333MHz
Summary Min:			P
Summary Max:			P
Test Status:			PASS

Serial Number List

1) SFR2010032700017	2) SFR2010032700037	3) SFR2010032700039	4) SFR2010032700038
5) SFR2010032700031	6) SFR2010032700027	7) SFR2010032700028	8) SFR2010032700029
9) SFR2010032700022	10) SFR2010032700033	11) SFR2010032700036	12) SFR2010032700018
13) SFR2010032700020	14) SFR2010032700021	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

WWW.SMARTM.COM