# Intel® Advanced Tested Final Report

## Computer Memory Test Labs

### MOTHERBOARD

<table>
<thead>
<tr>
<th>MOTHERBOARD</th>
<th>MANUFACTURER</th>
<th>CHIPSET</th>
<th>TEST NUMBER</th>
<th>TEST STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>D54250WYB/D54250WYK</td>
<td>Intel</td>
<td>Intel® QM87</td>
<td>021986</td>
<td>PASSED</td>
</tr>
</tbody>
</table>

### MEMORY MODULE INFORMATION

- **CMTL Part #:** LEI191
- **Manufacturer Name:** Legacy Electronics Inc.
- **Manufacturer Part #:** LE34SS13JVM-KF300-001L0 (i-temp)
- **DRAM Manufacturer:** Micron
- **DRAM Part #:** MT41K256M8DA-125:K rev K
- **Module Config:** 512M x 64
- **Module Size:** 4GB
- **PCB Part #:** D3S28F-F3
- **PCB Layer Count:** 8 Layer
- **Board Revision:** H13922-301
- **Test Card Version:** R.S.T Premium v6.05
- **Bios Memory Count:** 8GB
- **Environment Code:** RoHS
- **Low Profile:** 30mm LP
- **Assembly Type:** JEDEC Standard

### SYSTEM INFORMATION

- **Product:** D54250WYB/D54250WYK
- **Serial Number:** GEWY334005N4
- **Board Revision:** H13922-301
- **Bios Memory Count:** 8GB
- **Processor Code:** Intel® Core™ i5-4250 @ 1.30GHz
- **Bios at time of test:** WYLPT10H.86A.0018.2013.0918.2135
- **RST PRO Count:** 4G/510M

### TESTING DETAILS

- **55°C Temperature / Standard Voltage**
  - **Start Date:** 10/30/2013
  - **Stop Date:** 10/31/2013
- **Insertion Test:** Pass
- **SPD Check:** Pass
- **Minimum Load:** Pass
- **Maximum Load:** Pass
- **S0 ~ S5 Test:** Pass
- **Power Cycle Test:** Pass
- **Test Card Version:** R.S.T Premium v6.05

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Microsoft Windows-7 64bit version is used as it support over 4GB memory and must support target chipset/CPU platform. All board drivers must be loaded when drivers are available on Intel web site. Front panel power cycling test, ACPI S3 sleep state cycling test, and Hibernate S4/S5 state cycling test is done up to 20 cycle each when the board support it. At least 2 loops of all test under R.S.T PRO3 to be completed.

### Test Notes:

- Min configuration, 5 Loops Passed, 0 Error; Memory speed running @ 1333MHz
- Max configuration, 5 Loops Passed, 0 Error; Memory speed running @ 1333MHz