

**PCN # 13 0149**

<b>QUALIFICATION RESULTS</b>			
<b>TEST</b>	<b>CONDITIONS</b>	<b>NUMBER OF LOT/SAMPLE SIZE</b>	<b>RESULTS</b>
High Temperature Operating Life (HTOL)*	<b>JEDEC JESD22-A108</b>	<b>9x77</b>	<b>Pass</b>
Early Life Failure (ELF)	<b>AEC-Q100-008</b>	<b>3x800</b>	<b>Pass</b>
Highly Accelerated Stress Test (HAST)*	<b>JEDEC JESD22-A110</b>	<b>6x77</b>	<b>Pass</b>
Temperature/Humidity/Bias (THB)*	<b>JEDEC JESD22-A101</b>	<b>3x77</b>	<b>Pass</b>
Temperature Cycle (TC)*	<b>JEDEC JESD22-A104</b>	<b>9x77</b>	<b>Pass</b>
Autoclave (AC)*	<b>JEDEC JESD22-A102</b>	<b>9x77</b>	<b>Pass</b>
High Temperature Storage Life (HTSL)	<b>JEDEC JESD22-A103</b>	<b>5x45</b>	<b>Pass</b>
SHR (Solder Heat Resistance)*	<b>ADI-0049</b>	<b>1x30</b>	<b>Expected completion 07/2013</b>
Latch-Up	<b>JEDEC Standard 78</b>	<b>1x6</b>	<b>Pass</b>
Electrostatic Discharge <i>Human Body Model</i>	<b>ESD Association STM5.1-2007</b>	<b>1x24</b>	<b>Pass 4000V</b>
Electrostatic Discharge <i>Field-Induced Charged Device Model</i>	<b>ESD Association STM5.3.1-1999</b>	<b>1x18</b>	<b>Pass 1400V</b>
Electrostatic Discharge <i>Machine Model</i>	<b>JESD22-A115</b>	<b>1x6</b>	<b>Pass 200V</b>

\*Preconditioned per JEDEC/IPC J-STD-020