

# **Reliability Qualification Report**

for

**DDR4 SDRAM with Pb/Halogen Free**

**(512Mx16, 20nm SDRAM AS4C512M16D4A-62BCN)**

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*Ta=55°C and Vdd= 1.2V / Vpp= 2.5V with 60% confidence level.* The results of environmental test, ESD test and latch-up test also ensure that AS4C512M16D4A-62BCN is manufactured under a precise control of quality work by Alliance and its subcontractors. ***Thus, this experiment based on the Alliance reliability test standard for above test items can all pass.***

With the extensive research and development activities and the cooperation of all departments, Alliance continuously sets and maintains higher standard of quality and reliability to satisfy the future demand of its customers.