

Comprehensive Test Solution for

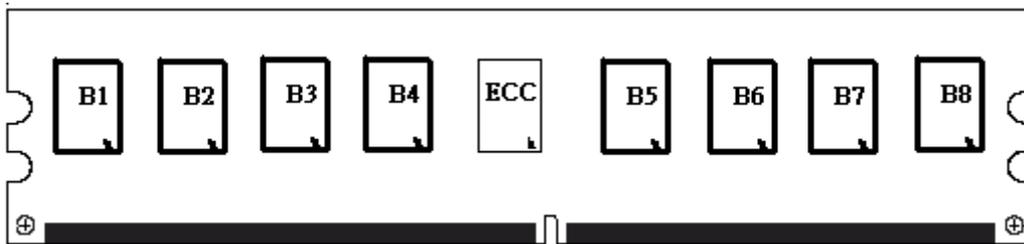
DDR2 & DDR3 ECC UDIMM

ECC is the function for mother board to check error of DRAM and make correction. According to Intel's specification, this function provides any correction capability for single-bit and error detection for two-bit.

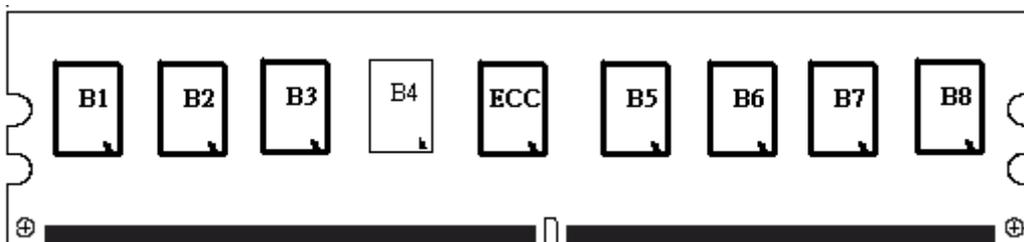
When we use the mother board with ECC function to perform the test, the compensation of ECC would cover the real error and cause the test can't be completed to show the error.

As below, we provide the comprehensive test solution for ECC U-DIMM test:

1. We have to turn off the ECC function on MB or to use the MB without ECC for the first step test.



2. Following by two steps of ECC U-DIMM test are applied on the dies of module. First step, to use JET-5451/JET-5452 DDRII/DDR III Extender to make the normal 64 bit ECC U DIMM test for those dies of module. With turning off ECC on module to make sure all dies are working normally.



3. The further test is to use JET-5450 DDRII 240 ECC Extender/JET-5455 DDRIII 240 ECC Extender/to active ECC and turn off B4 die for the next test to make sure ECC is in normal function.

Note: only those blocks with darker line are tested.

The comprehensive ECC U DIMM test could only be done by two steps of testing.

Order Information

JET-5451 : DDR2 240 Extender

JET-5452 ; DDR3 240 Extender

JET-5450 : DDR2 240T240 ECC Extender

JET-5455 : DDR3 240T240 ECC Extender

Contact Information:

JU-JET Electronics Co., Ltd.

TEL : 886-2-8647-2998

FAX : 886-2-8647-2997

E-mail : jujet@eztest.com.tw