

**Frontgrade Technologies**

4350 Centennial Blvd.  
Colorado Springs. CO 80907

Subject: UT81NDQ512G8T IBIS model usage

The UT81NDQ512G8T IBIS model makes use of an .ebd (Electrical Board Description) model. These models are used in conjunction with the individual die model. Within the .ebd model, there is a reference to the die .ibs model. There are two IBIS models available. One is for simulating DDR3 mode and the other is for DDR2 mode. Each .ebd will need to have access to the correct .ibs model within the tool. Generally this is done by placing the file into the same directory path as the .ebd file or at least one the tool has been setup to use.

The ut81ndq512g8t\_1p2v.ebd file is for DDR3 simulations and uses the the DDR3\_v3p3\_1p2.ibs file.

The ut81ndq512g8t\_1p8v.ebd file is for DDR2 simulations and uses the the DDR2\_v3p3\_1p8.ibs file.

There is no problem placing all files in the same location as each .ebd will only reference the file it is instructed to use.

**Mike Leslie**

Applications Engineer, Pr

**FRONTGRADE**

T : +1 (719) 594-8148

[mike.leslie@frontgrade.com](mailto:mike.leslie@frontgrade.com)