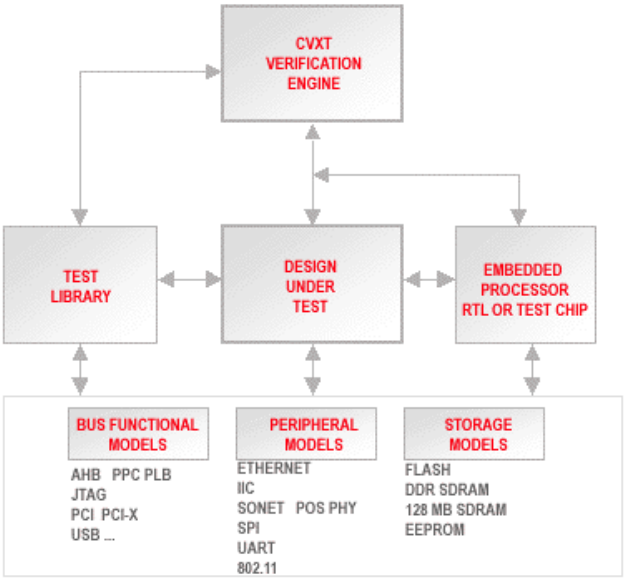
COMIT® SYSTEMS
The Contract Engineering Company

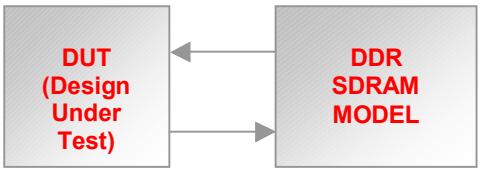
Fiesta® DDR SDRAM Model

Features

- Interfaces with Comit Fiesta® CVXT Open Verification Environment
- Bidirectional data strobe (DQS) transmitted/ received with data, i.e., source-synchronous data capture (x16 has two – one per byte)
- Internal, pipelined double-data-rate (DDR) architecture; two data accesses per clock cycle
- Differential clock inputs (CK and CK#)
- Commands entered on each positive CK edge
- DQS edge-aligned with data for READs; center-aligned with data for WRITEs
- DLL to align DQ and DQS transitions with CK
- Four internal banks for concurrent operation
- Data mask (DM) for masking write data (x16 has two – one per byte)
- Programmable burst lengths: 2, 4, or 8
- Auto Refresh and Self Refresh Modes



System Interface Diagram



Fiesta® Process Standardization and Acceleration Tool Kit is an industrial strength suite of tools designed, developed, tested and used by engineers of Comit's Contract Engineering Center. Their experience in developing processes and methodology that yield predictable and accurate results forms the foundation of the toolkit. Use it with confidence.

Comit Systems, Inc. 3375 Scott Blvd. Ste 139, Santa Clara, CA 95054.
(408) 988 2988. www.comit.com