

The most important thing we build is trust



ADVANCED ELECTRONIC SOLUTIONS

AVIATION SERVICES

COMMUNICATIONS AND CONNECTIVITY

MISSION SYSTEMS

Cobham 32M – 160M MCM Memory Solutions EBD Models

Cobham Semiconductor Solutions Date 9/16/16

Mike Leslie
Applications Engineer Pr



- EBD model definition from IBIS ver6.1
 - A “board level component” is the generic term to be used to describe a printed circuit board (PCB) or substrate which can contain components or even other boards, and which can connect to another board through a set of user visible pins. The electrical connectivity of such a board level component is referred to as an “Electrical Board Description”. For example, a SIMM module is a board level component that is used to attach several DRAM components on the PCB to another board through edge connector pins. An electrical board description file (a .ebd file) is defined to describe the connections of a board level component between the board pins and its components on the board.
- Simulation with EBD files
 - Customers should load the EBD file for the device of interest into the their electronic design automation (EDA) tool and place the die level IBIS file within the same directory as the EBD.