







Physical issues verification (DSM)

- Interconnects
- Signal Integrity
 - P/G integrity
 - Substrate coupling
 - Crosstalk
- Parasitic Extraction
- Reduced Order Modeling
- Manufacturability and Reliability
- Power Estimation

















Physical issues verification (DSM) Power Estimation

Advent of portable and high-density circuits
⇒ power dissipation of VLSI
circuits becomes a critical
concern

 Accurate and efficient power estimation techniques are required

