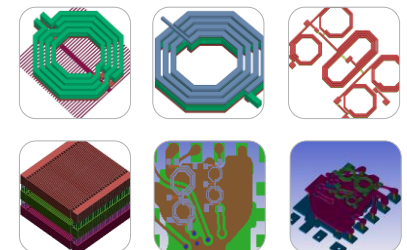
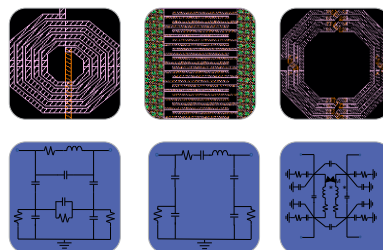
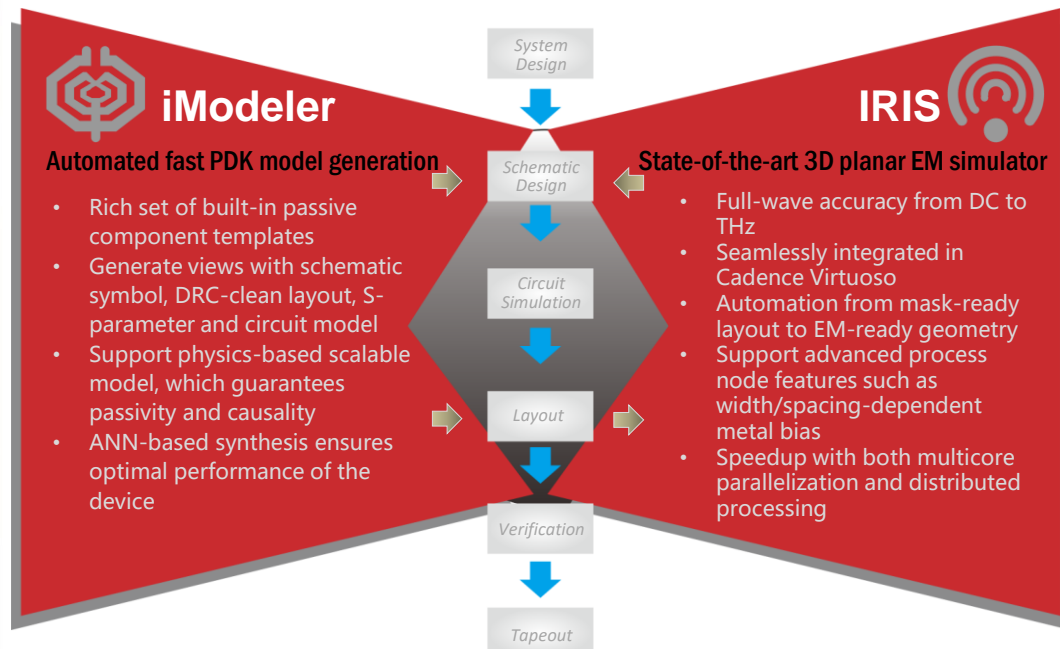


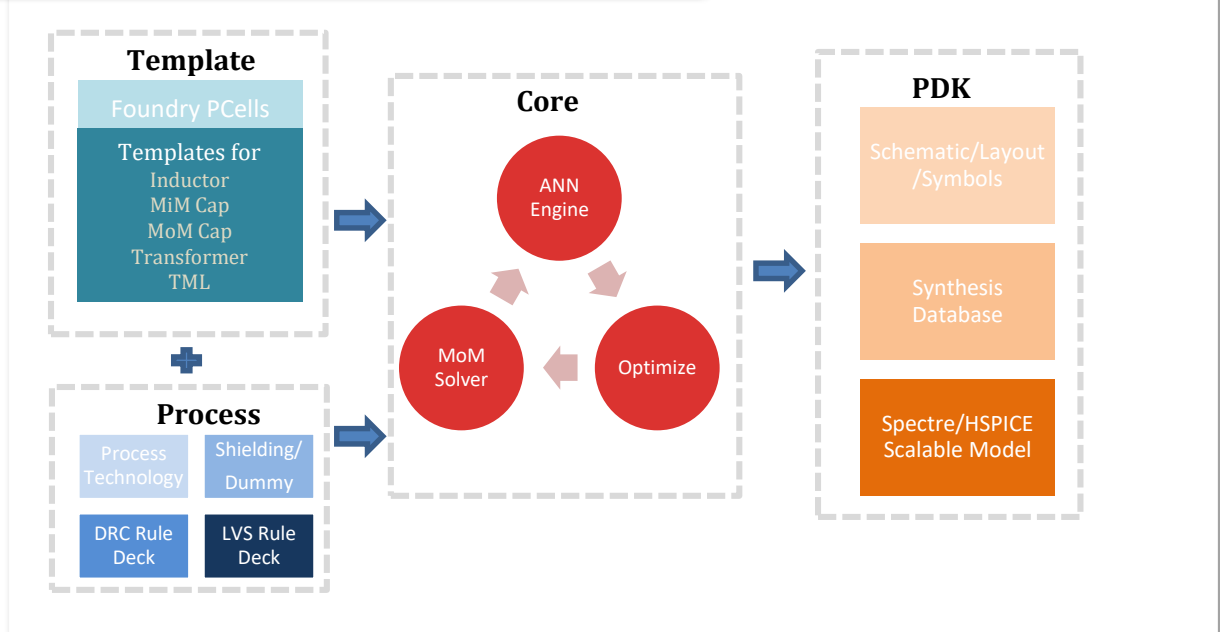
# IRIS & iModeler: A Complete EM Simulation Suite for On-Chip Passives in Advanced Nodes

## Highlights

- 1 As semiconductor process keeps shrinking, on-chip passives in **advanced process nodes** require **three-dimensional** EM simulation.
- 2 5G moving to millimeter wave also requires EM simulation to be **full-wave**, accurate from DC to THz.
- 3 **IRIS** is the state-of-the-art EM simulation technology tailored to **Advanced Process Nodes**. It has been certified by multiple leading foundries and widely adopted by fabless design companies.
- 4 **iModeler** automates the PDK model generation with the rich set of built-in templates and the fast IRIS solver engine. It is ideal for PDK engineers to generate parameterized models.

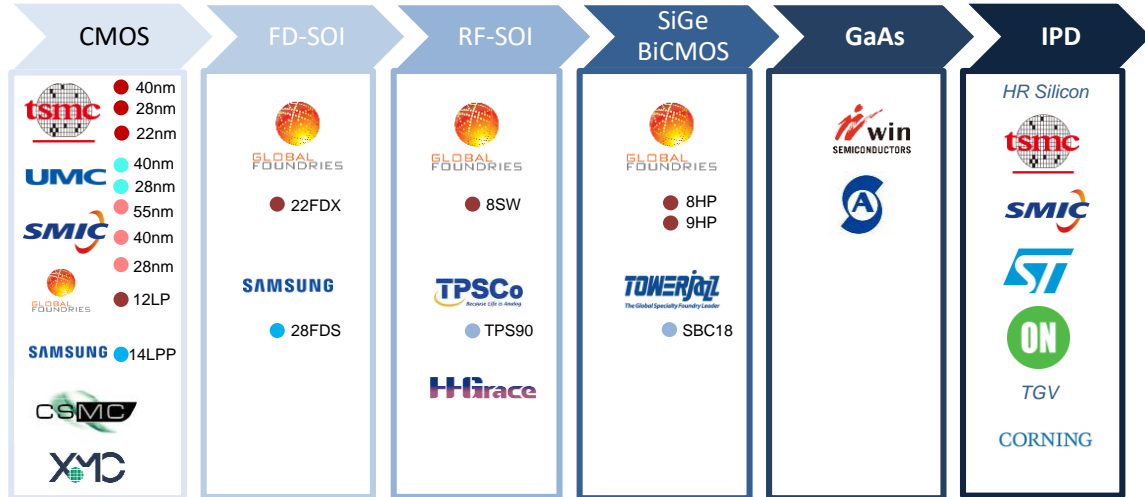


## iModeler: Automated Fast PDK Model Generation



## IRIS: Foundry Certified EM Simulator

- IRIS has been widely adopted for IC designs in many different foundry process nodes.



- IRIS gives excellent correlation with measured data.

