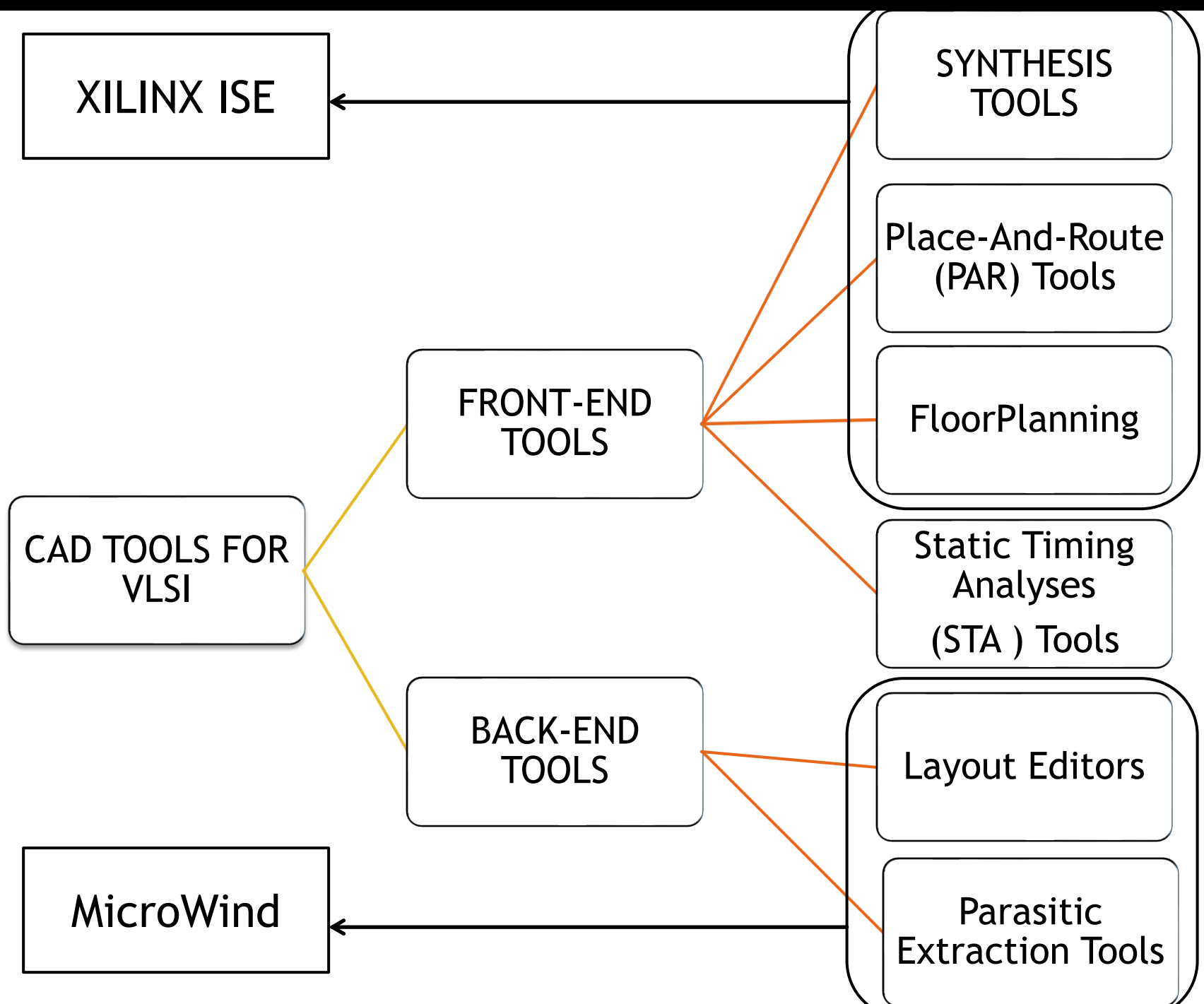


CAD TOOLS



CAD TOOLS Available in VLSI Lab :

1)XILINX ISE 14.7

2)MicroWind 3.1

3)DSCH 3.0 (S2L = Schematic To Layout)

PART - A : Tools & Steps

TOOL NAME : XILINX ISE 14.7

OS :

- ✓ WIN -7
- ✓ WIN -10 (Needs Configuration)

- ✓ Category : FRONT-END Tool
- ✓ Sub-Category : SYNTHESIS Tool
- ✓ Company : XILINX , USA

STEPS for PART-A Experiments

- 1) SYNTHESIS
XST (Xilinx Synthesis Tool)
- 2) SIMULATION
ISim (Integrated Simulator)
- 3) Downloading
PlanAhead

PART - B : Tools & Steps

TOOL-1 : MicroWind 3.1

OS : WIN -7 / 10

- ✓ Category : BACK-END Tool
- ✓ Sub-Category : LAYOUT Editor
- ✓ Company : MicroWind , USA

STEPS for PART-B Experiments

- 1) Transistor-Level Schematic
- 2) Making LAYOUT
- 3) ERC , DRC
- 4) Simulation
- 5) Analyses
- 6) Interpretations
- 7) Conclusions