

Cadence Celsius Thermal Simulation (2 Days Course)

- Introduce Cadence Celsius Thermal Simulator
- Workflow of the PCB and IC Package based thermal simulation
- Import PCB and IC Package Data into Celsius Thermal Solver
- Create Boundary Conditions
- Simulation Setup : VRMs, Sinks for an Electrical and Thermal Co-Simulation
- Run E/T Co-Simulation (Static)
- View and Plot the results
- Post Process of the Simulation Results
- Workflow of the 3D Structure based simulation
- Model Creation and Assign in the Celsius 3D Workbench (3D Heatsink)
- Import and Export Components from project
- Set Simulation Parameters and Sweep Simulation
- Workflow of the Layered Structure thermal simulation
- Model definition and simulation setup
- Run Thermal Simulation and View the results

The training content and sequence may vary slightly for course efficiency.