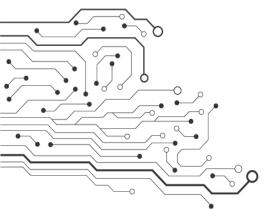
OrCAD - PCB Editor



Dr. Sarwan Singh ग.इ.सू.प्रो.सं NIELIT Chandigarh

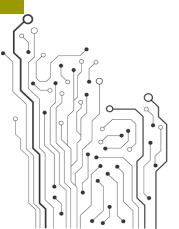








Gerber file



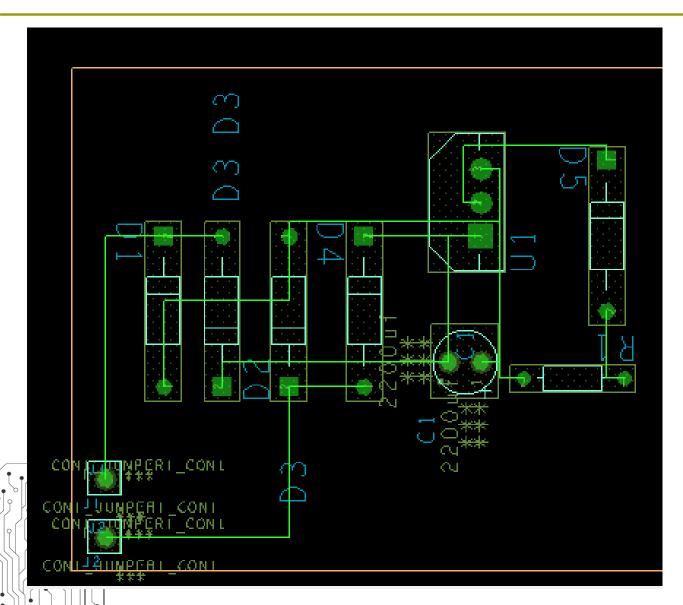
Cadence OrCAD PCB Designer with

PSpice comprises three main applications

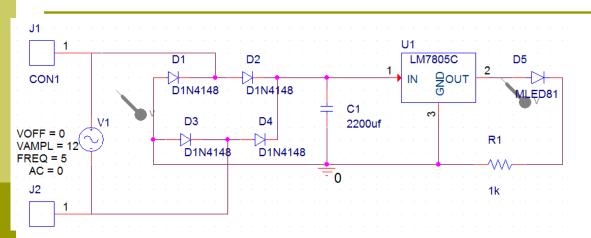
- Capture is used to drawn a circuit on the screen, known formally as schematic capture. It offers great flexibility compared with a traditional pencil and paper drawing, as design changes can be incorporated and errors corrected quickly and easily
- PSpice simulates the captured circuit. You can analyse its behaviour in many ways and confirm that it performs as specified.
- PCB Editor is used to design printed circuit

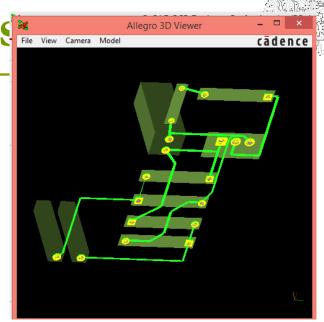


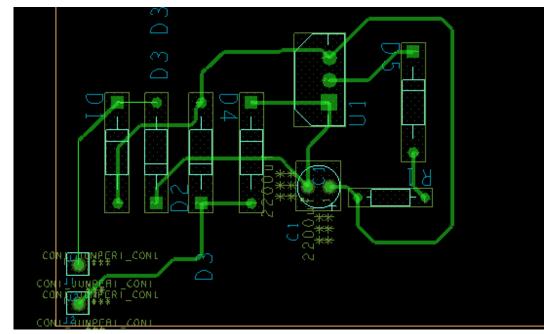




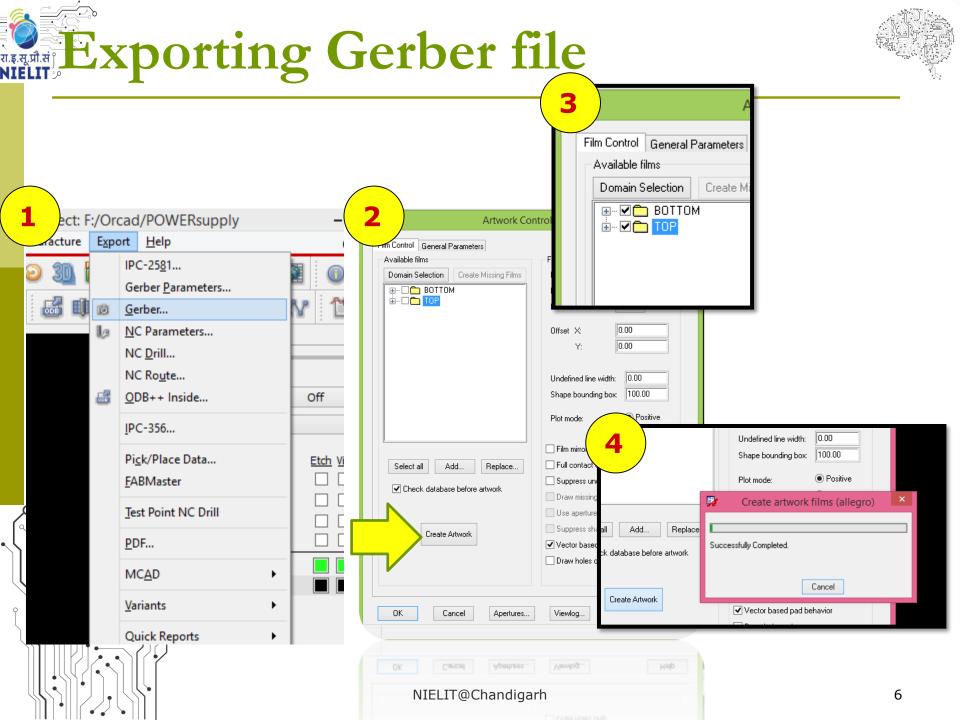
Adding jumper at Vin File View Camera Model



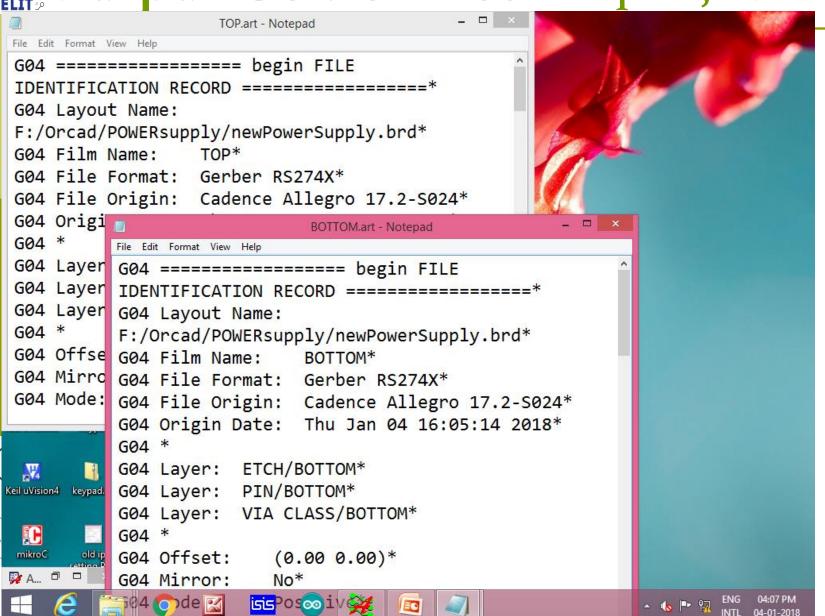






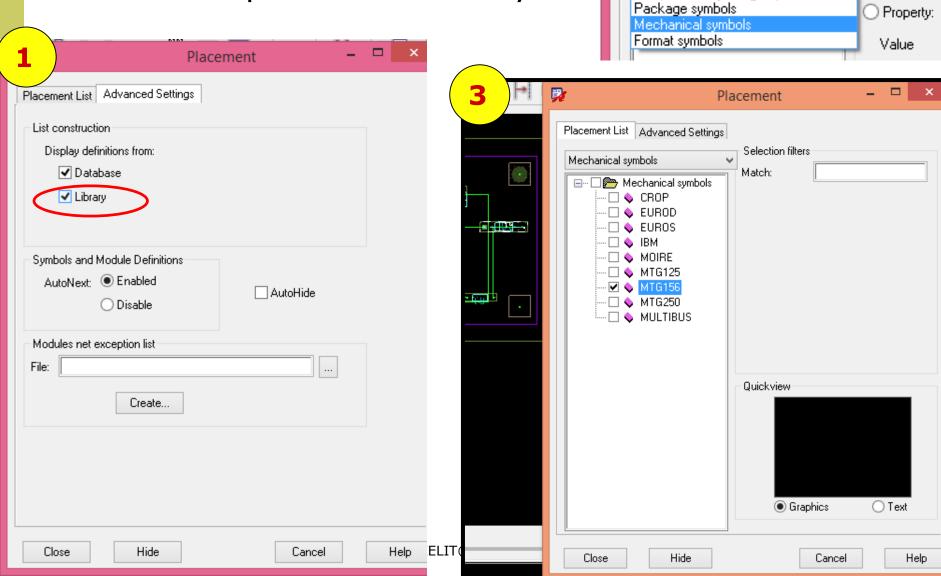


Output Gerber files – top.art, bottom.art





Place >components manually



Placement

Selection filters

Match:

Placement List | Advanced Settings

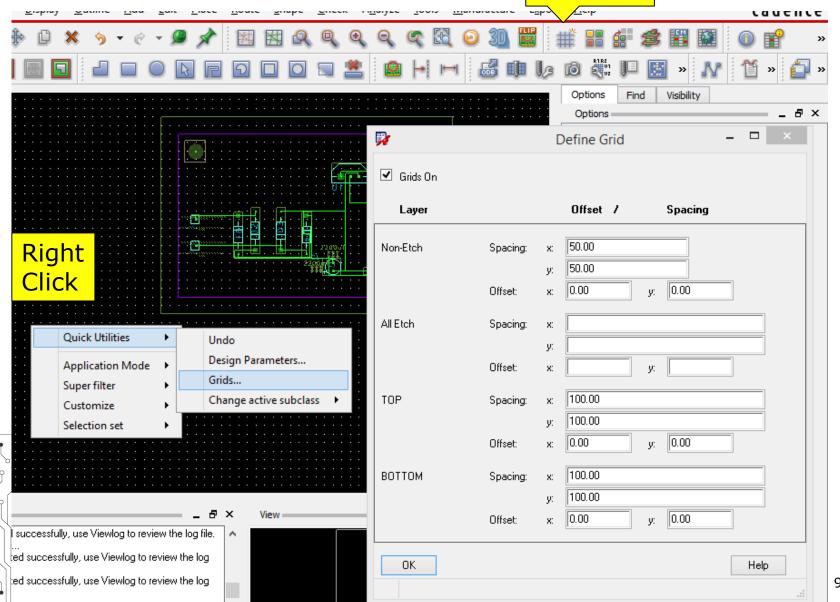
Components by refdes

Components by refdes Components by net group





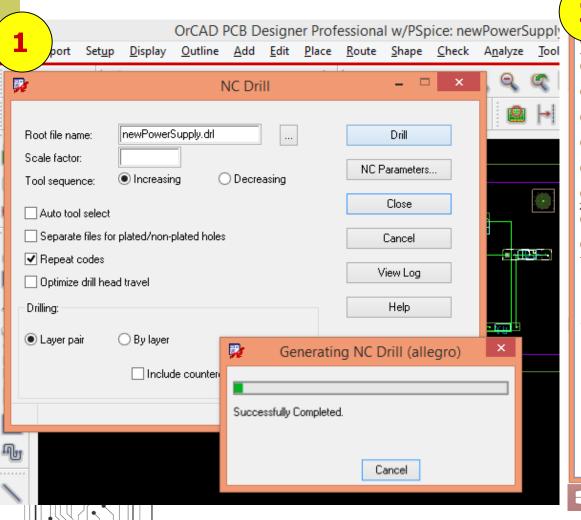
Gridlines Toggle

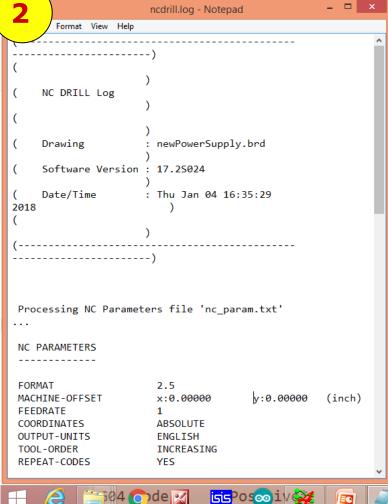


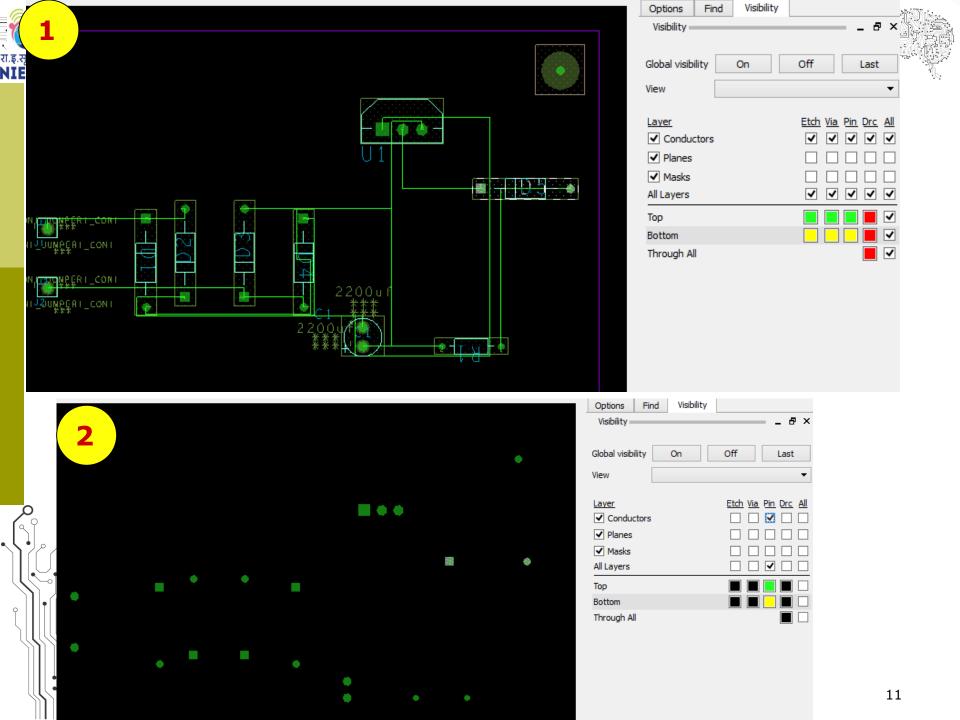


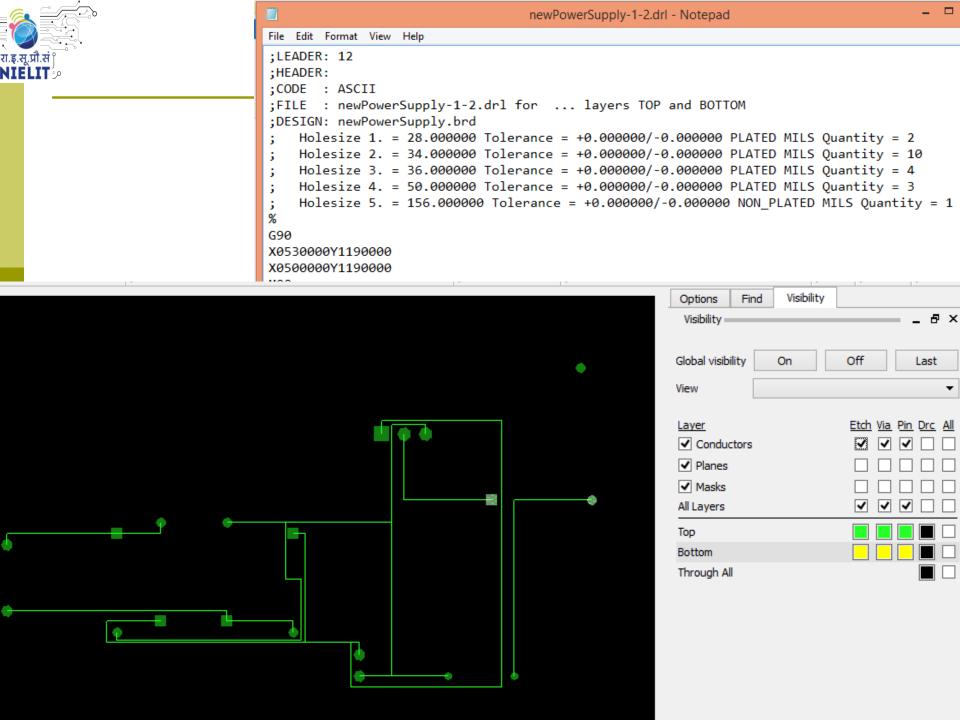


Export > NC Drill



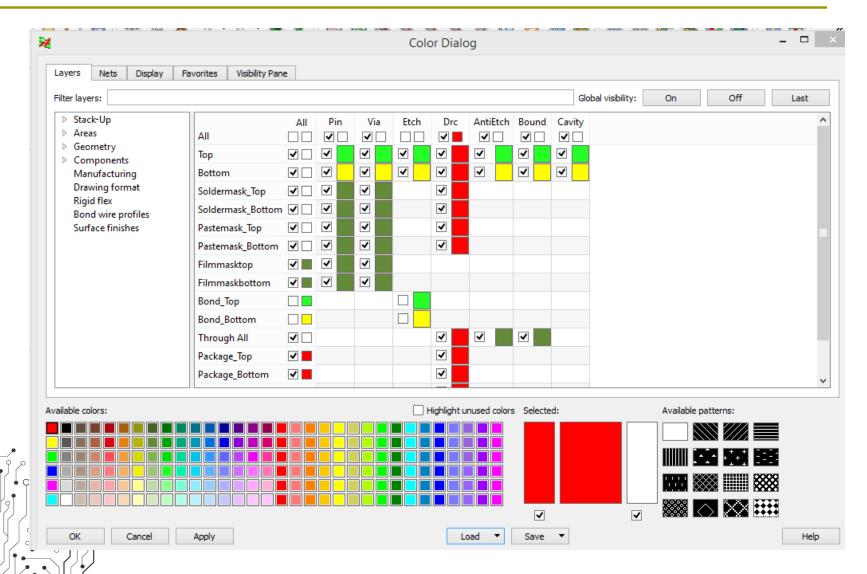






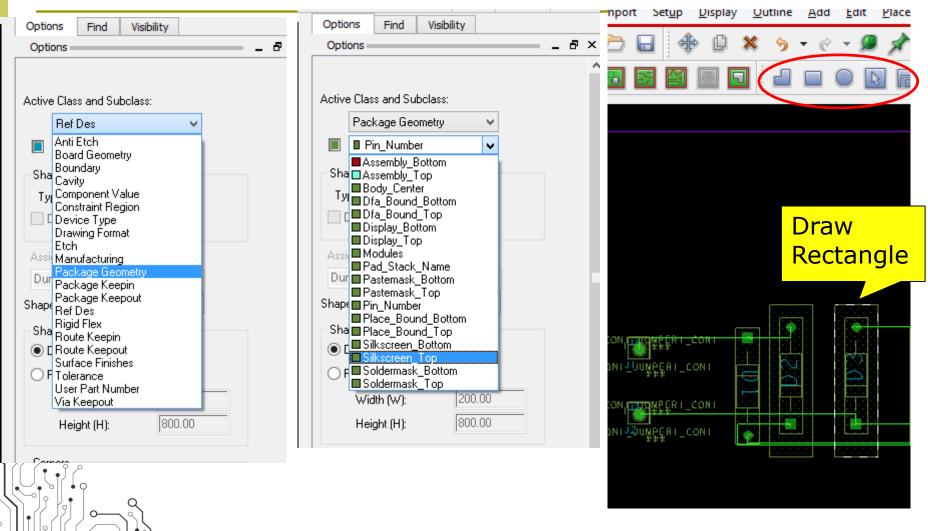


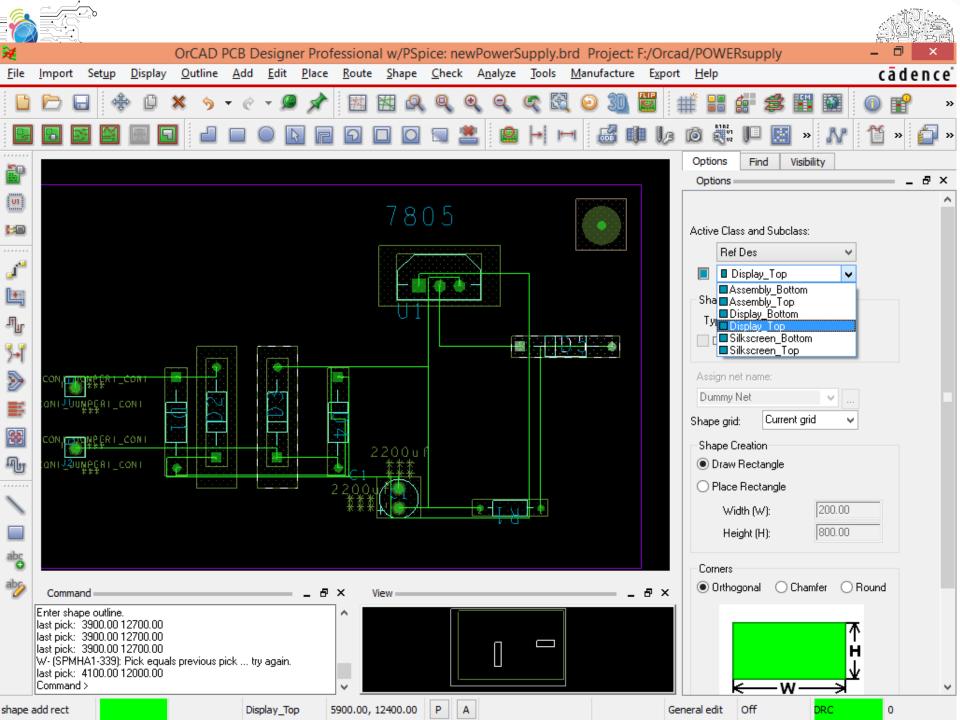


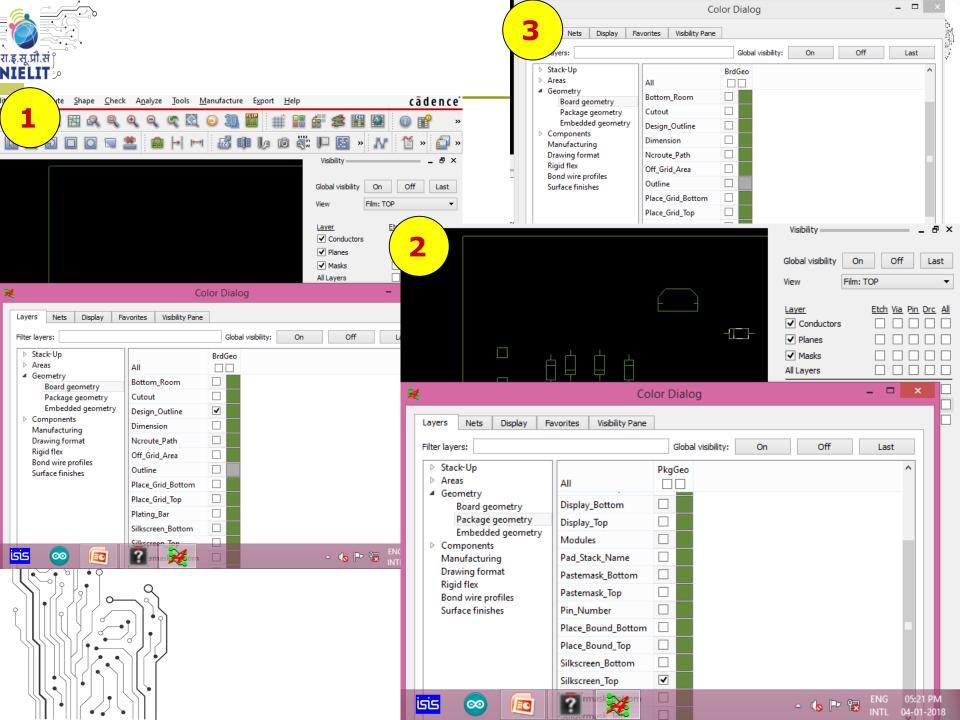


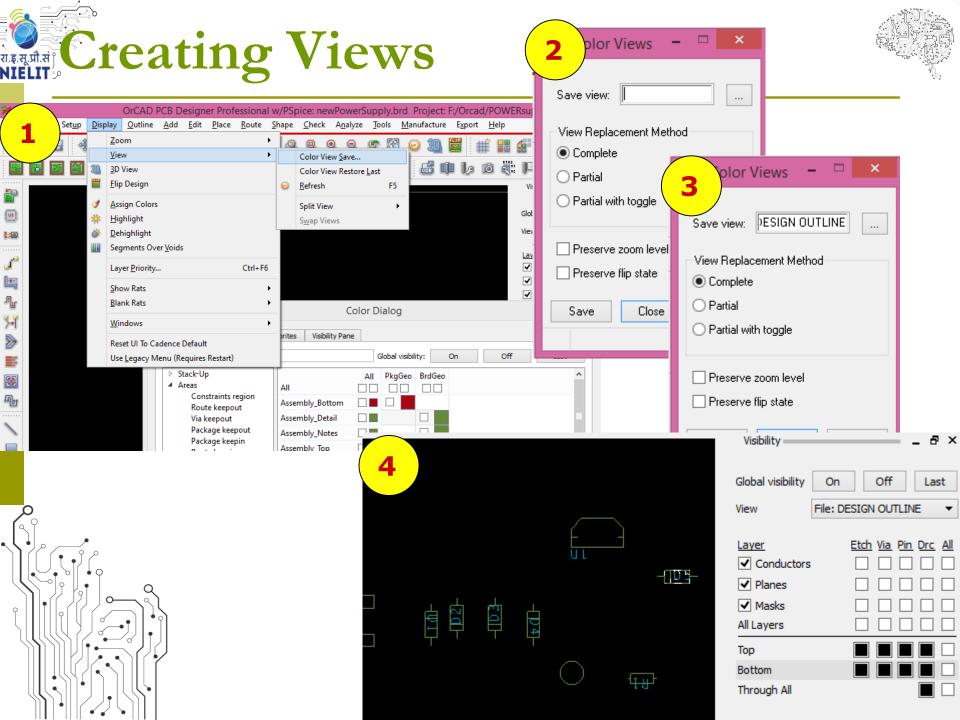








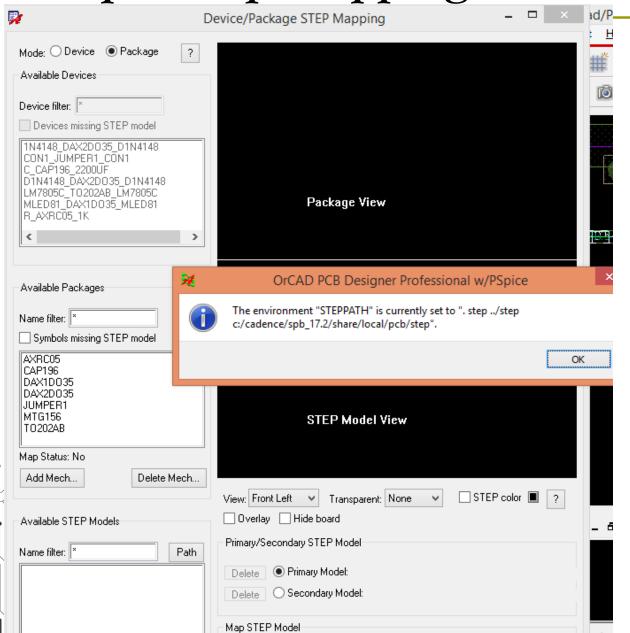






Setup > Step Mapping







C:\Cadence\SPB_17.2\share\local\pcb\step



