

Fundamental PCB design (Schematic Capture & PCB Layout)

Training Course Outline

CADSTAR Essential:

Day 1

LIBRARY EDITOR

- Introduction
- The Library Structure
- The Types of Libraries
- The Symbol Template
- The Creation a Simple Symbol
- The Component Template
- The Creation of a Simple Component
- The Creation of a Simple Part
- The Parts Library
- Exercise

Day 2

SCHEMATICS EDITOR

- Introduction
- The CADSTAR Structure
- The Schematic Design Template
- New Schematic Design
- Schematic Design Reuse
- Schematic sheets bottom up design
- Bus
- Printing & Report generation
- Exercise

Day 3

PCB DESIGN EDITOR

- Template, Assignments & Default settings
- Transfer from Schematic
- Create PCB Board Outline
- Design Reuse
- ECO Updates
- Component Placement
- Routing
- Printing & Report Generation
- Exercise

P.R.EDITOR XR

- The Introduction
- Overview
- P.R.Editor Interactive

PCB MANUFACTURING EXPORT

- Gerber and N.C. Drill
- Colour Files
- Export - Artwork
- Export – Drill Drawing

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