FlowCAD

TRAINING

Bei dem hier beschriebenen Training handelt es sich um ein BQR Standard Training. Sie erhalten eine Dokumentation in englischer Sprache. Die Trainingssprache ist deutsch, falls nicht anders angekündigt.

BQR

Description

This one-day, hands-on training course covers the full range reliability calculation with CarePCB. You will learn the logical work flow for MTBF calculation based on bill of materials (BOM) and the tree of your design and library information.

Audience

Engineers, designers and technicians engaged in reliability calculations who are seeking maximum productivity in a minimum amount of time.

Prerequisites

Proficiency with Windows and standard Windows applications. Basic theoretical understanding of MTBF calculations.

Course Agenda

- Introduction
  - Install directories
  - Files Structures and directories (PTABS, _tmp, example projects, etc)
  - MTBF distribution in general (exponential)
- Inside of the software – First Steps
  - Licensing
  - Paths definitions
  - Global Definitions
  - Different Icons and their meaning
  - Tree in general
  - Various columns
  - Different Views
- BOM handling
  - Import
    - Using a CAD interface
    - Using a VIP protocol
      - VIP in general:
        - How to work
        - Different configurations
- Tree handling
  - In-cell changes; result cells vs. input cells
  - Block's/Component's properties
  - Stress Data Exchange
  - Blocks copying between different projects
- Library handling
  - Similar Components search inside other libraries
  - Datasheets (PDF format) links
  - Customize components and how to use them, including advanced options
  - Library Import/Export

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- Libraries fill:
  - General – DLIB/PLIB/MLIB
  - General – NEW/Groups
  - Inside of NEW/Groups

Calculations

- Various combinations of different prediction methods and it's meaning
- Tables editor
  - Stress Defaults and derating
  - Tables Import/Export

Reports

- Reports creation
- Different report types and their meaning
- Reports viewing and importing to standard MS-Office applications

CDB In MTBF

- Creating CDB from MTBF