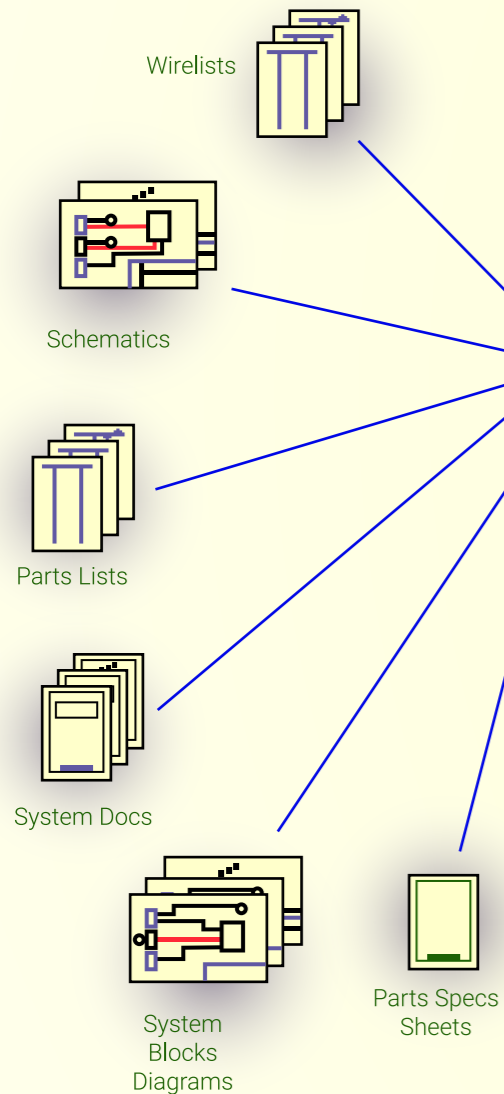


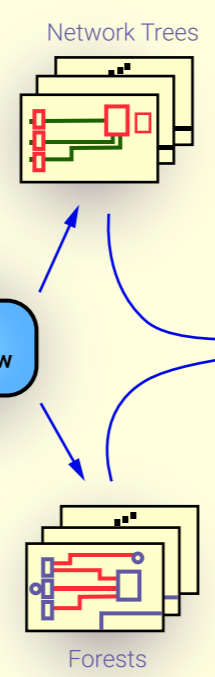
Baseline Analysis Tools

- System Decomposition achieved by generating Network Trees and Forests



Customer Data

Data Review



Reliability Preparation

Reliability Preparation

- Collect Baseline Analysis Tools an additional detailed part specs to evaluate a parts counts and in-circuit part stress
- Set up Groundrules and assumptions to state analysis guidelines
- Define additional operational profiles. Program Part Derating Requirements, and any special exceptions

Groundrules And Assumptions

Functional Block Diagrams (FBDs)

Reliability Prediction Datasheets

- Functions, assemblies and subsystems failure rates are included in the datasheets within the system
- The failure rates of all the components of a network tree are included in a RBD and documented on the datasheets

Reliability Block Diagrams (RBDs)

Reliability Prediction Datasheets

Component Failure Rates

Analysis

Completed Reliability Prediction Datasheets

Reliability Prediction Final Report

Reliability Prediction Final Report

- Defines Approach, Scope and Project Data Includes FBDs, RBDs
- Completed Reliability Datasheets and Project Recommendations