Overview

Quickly Select and Configure Faults

- Select components and nets from the schematic or by using the automatic fault selector
- Choose from supported fault types including: short, open, ground, stuck-at, and parameteric faults
- Configure faults to be timed, and/or concurrent

Implement Test Plans, Measurements, and Logical Tests for Repeatability

- Implement iterative and reusable test plans using Experiment Analyzer
- Choose critical signals and assign key safety-related measurements
- Create logical pass/fail tests to verify that the design meets technical safety requirements

Simulate, Analyze, and Export Data to Sign-Off Reports

- Simulate nominal performance and failure modes using the industry's most robust mixed signal, mixed domain system simulator
- Analyze plots, figures, and pass/fail tests using SaberRD results viewer
- Export pass/fail tests to standard tables for Sign-off

Quickly Identify Failure Modes that Violate Technical Safety Requirements

- Saber Functional Safety adds fault modeling and simulation capabilities to existing electrical and electronic system verification flows
- Quickly test one failure mode or 1000s