

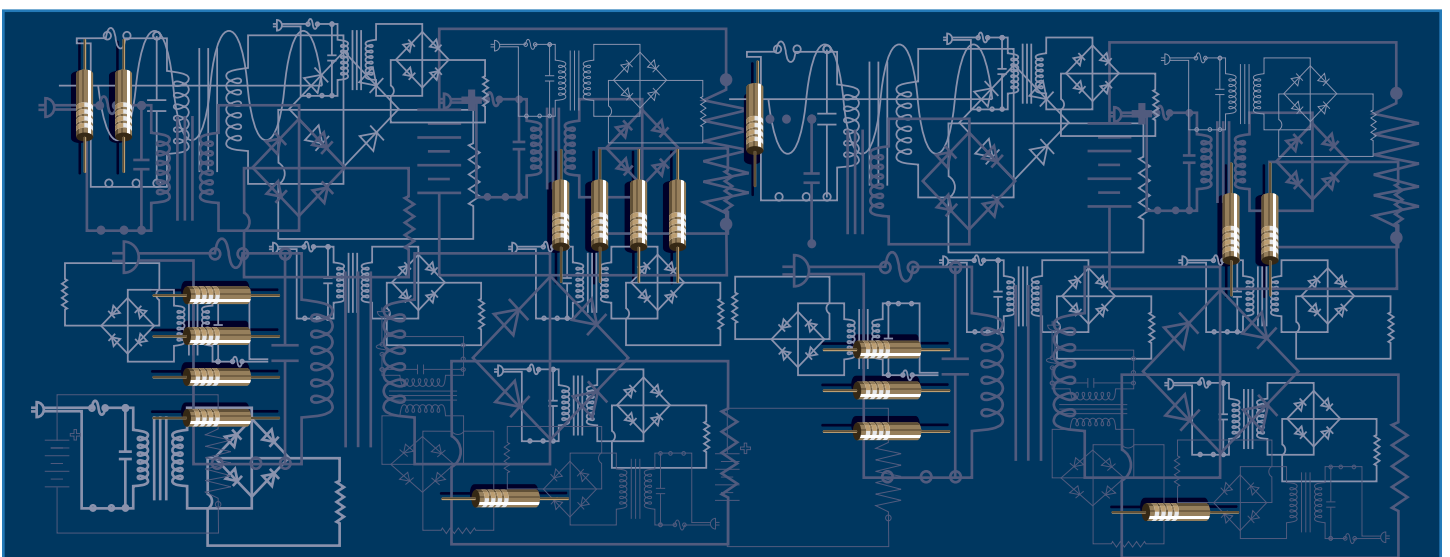
SCAT 5.0

SoHaR

AUTOMATED SNEAK CIRCUIT ANALYSIS TOOL

- ■ ■ ■ **Fully automated process:** making use of a unique algorithm, applicable to both early and late stage design, this tool can offer over 10 fold time & cost savings
- ■ ■ ■ **Platform independent:** making use of industry standardized netlist files SCAT is able to automatically analyze schematics generated with any current CAD tool.
- ■ ■ ■ **User Friendly:** SCAT will walk you through the process of identifying components and power ports for an error free and complete analysis of your design
- ■ ■ ■ **Auditable results:** SCAT generates a complete list of paths and from these it identifies potential sneak paths:
 - Reverse current flows (H-patterns)
 - Power source to power source current flows (Y-domes)
 - Ground-to-ground current flows
 - Momentary undesired current paths during switching
- ■ ■ ■ **Performance:** Results are generated within seconds for review, design modifications, and reports.

THE MOST USEFUL SNEAK CIRCUIT ANALYSIS TOOL ON THE MARKET



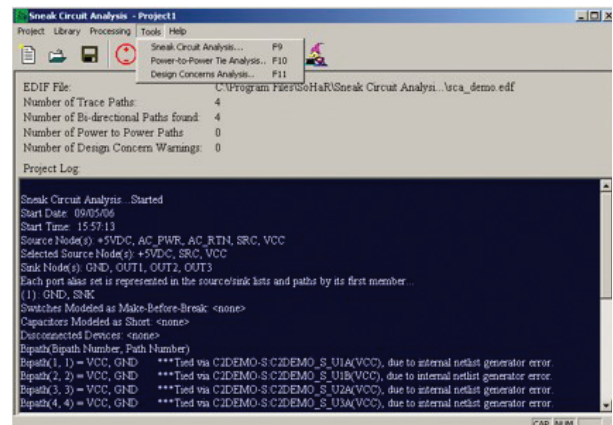
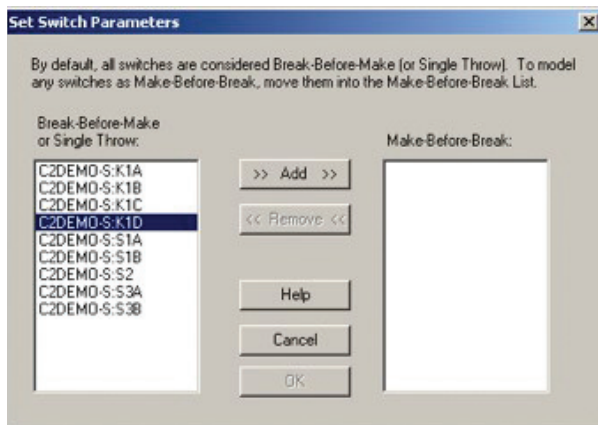
SCAT 5.0



SoHaR has been a pioneer in the art of Sneak Circuit Analysis and has lead the industry in terms of automating this analysis. SCAT 5.0 is a third generation tool based on two previous CAD specific SCA applications and extensive SCA experience.

SoHaR has performed hundreds of Sneak Circuit Analyses on systems ranging from armament control systems and fuzes, through flight control systems to automotive electronic speed control systems.

A SNEAK CIRCUIT ANALYSIS TOOL FROM THE PROS



Building on our experience, SoHaR developed both manual and automated approaches to incorporate Sneak Circuit Analysis techniques into the early design process. The automated technique, SCAT, uses an Expert System to analyze a schematic netlist (in EDIF format) to produce a list of parts and topology related design concerns that allow

rapid feedback to the designer with resultant benefits to safety, reliability, cost, and project schedules.

SoHaR provides training and consulting services that will kick-start your Sneak Circuit Analysis program.



Reliability & Safety Solutions
www.reliass.com
Tel. +44 1329 227 448
Fax +44 1329 227 449

