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SPICE - Wikipedia

This book is all about Spice Circuit Simulations Using LTspice. LTspice is available free from Linear Technology. LTspice is perhaps one of the most widely used free simulators. It is a powerful simulator with a simple interface to handle. The book covers the requirements of a laboratory course in

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Best circuit simulation software for electronics engineers

SPICE Simulation in EAGLE The SPICE simulator in EAGLE uses Ngspice, an

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open source successor of SPICE 3f5. If you're familiar with other SPICE tools, then the concepts and handlings of the simulator in EAGLE will be very familiar. SPICE is fully integrated into Autodesk EAGLE 8.4, and there's no need to install any additional software.

SPICE Simulation Basics Part 1:

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Getting Started - Eagle Blog

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The image below shows a result from a transient SPICE EMC simulation where a TVS diode and capacitor are used to protect a resistive load from a TVS diode. The voltage of the simulated ESD event is 1.5 kV, but the TVS diode and the capacitor bring the magnitude of this pulse down to ~250 V. SPICE EMC simulation results for an ESD event.

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analyses. Circuits may contain resistors, capacitors, inductors, mutual inductors, independent voltage and current sources, four types of dependent sources, lossless and lossy transmission lines (two separate implementations), switches, uniform distributed RC lines, and the five most common semiconductor devices: diodes, BJTs,

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JFETs, MESFETs, and MOSFETs.

The Spice Home Page

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operation in the simulator. The design process involves iterating the circuit until the desired circuit behavior is ...

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Inductors (Coils) - SPICE Models ...

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