

Experiment 1

Design and simulation of circuits with Multisim

OBJECTIVES

After this experiment, you will be able to:

- ∞ Build and analyse circuits using Multisim's test measurement facilities.

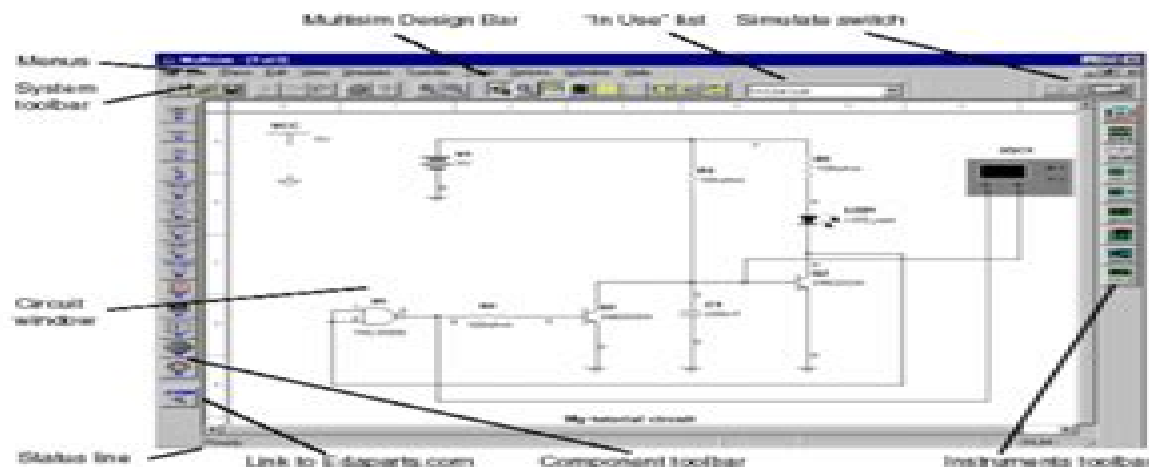
MATERIALS NEEDED

Multisim simulation and capture software.

SUMMARY

Multisim 7 is a popular electronic design software from Electronics Workbench. It is a design tool that offers a large component database, schematic entry, full analog/digital SPICE simulation, VHDL/Verilog design entry/simulation, FPGA/CPLD synthesis, RF capabilities, postprocessing features and seamless transfer to PCB layout packages such as Ultiboard, also from Electronics Workbench. It offers a single, easy-to-use graphical interface for all your design and analysis needs as shown in the following figure.

Multisim's user interface consists of the following basic elements:



Analog Electronic Circuits Lab Manual Using Multisim

Kenneth L. Ashley



Analog Electronic Circuits Lab Manual Using Multisim:

Embracing the Track of Phrase: An Emotional Symphony within **Analog Electronic Circuits Lab Manual Using Multisim**

In some sort of consumed by displays and the ceaseless chatter of instantaneous conversation, the melodic splendor and emotional symphony created by the published word usually fade in to the backdrop, eclipsed by the persistent sound and interruptions that permeate our lives. Nevertheless, nestled within the pages of **Analog Electronic Circuits Lab Manual Using Multisim** an enchanting fictional value full of organic thoughts, lies an immersive symphony waiting to be embraced. Crafted by a masterful musician of language, that fascinating masterpiece conducts visitors on a psychological trip, skillfully unraveling the hidden songs and profound impact resonating within each cautiously crafted phrase. Within the depths of the touching evaluation, we will examine the book's main harmonies, analyze their enthralling writing fashion, and surrender ourselves to the profound resonance that echoes in the depths of readers' souls.

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