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1 Inclusion of new, modern digital circuits, like advanced state machines, serial data com-munications circuits, and video interfaces, all with theory, complete VHDL codes, simula-tion, and explanatory comments, makes the lab sections much more productive. 1 All examples and exercises are named to ease the identi cation of the circuit/design

Circuit Design and Simulation with VHDL second edition

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In-browser simulation and plotting lets you design and analyze faster, making sure your circuit works before ever picking up a soldering iron. Unique circuit URLs let you easily share your work or ask for help online.

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EasyEDA is a free and easy to use circuit design, circuit simulator and pcb design that runs in your web browser.

EasyEDA - Online PCB design & circuit simulator

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SPICE simulation allows you to simulate and analyze the behavior of a circuit design. Performing operating point, AC/DC sweep, or transient analysis simulations identify circuit performance issues without requiring a PCB prototype.

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