



## Digital Design And Computer Organization

**Author :** Hassan A Farhat / **Category :** Computers / **Total Pages :** 512 pages

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**Summary :** Free digital design and computer organization pdf download - digital design and computer organization introduces digital design as it applies to the creation of computer systems it summarizes the tools of logic design and their mathematical basis along with in depth coverage of combinational and sequential circuits the book includes an accompanying cd that includes the majority of circuits highlighted in the text delivering you hands-on experience in the simulation and observation of circuit functionality these circuits were designed and tested with a user-friendly electronics workbench package multisim textbook edition that enables your progression from truth tables onward to more complex designs this volume differs from traditional digital design texts by providing a complete design of an ac-based cpu allowing you to apply digital design directly to computer architecture the book makes minimal reference to electrical properties and is vendor independent allowing emphasis on the general design principles

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