

CMOS Cookbook, Second Edition

By DON LANCASTER, Howard M. Berlin

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The CMOS Cookbook contains all you need to know to understand and successfully use CMOS (Complementary Metal-Oxide Semiconductor) integrated circuits. Written in a "cookbook" format that requires little math, this practical, user-oriented book covers all the basics for working with digital logic and many of its end appilations.

Whether you're a newcomver to logic and electronics or a senior design engineer, you'll find CMOS Cookbook and its examples helpful as a self-learning guide, a reference handbook, a project-idea book, or a text for teaching others digital logic at the high school through university levels.

In the pages of this revised edition, you'll discover:

*What CMOS is, who makes it, and how the basic transistors, inverters, and logic and transmission gates work

*CMOS usage rules, power-suppy examples, and information on breadboards, state testing, tools, and interfacing

*Discussions of the latest CMOS devices and sub-families, including the 74C, 74HC, and 74HCT series that streamline TTL and CMOS interfacing

*An in-depth look at multivibrators - including astable, monostable, and bistable - and linear techniques

*Clocked-logic designs and the extensive applications of JK and D-type flip-flops

*A helpful appendix featuring a TTL-to-CMOS conversion chart

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Editorial Review

Review
A clear and complete look at CMOS! This easy-to-follow text is targeted for beginning- to intermediate-level users. Covers the latest CMOS series of devices and subfamilies. Presents tabular comparisons to earlier versions. Includes a TIL and CMOS interfacing and functional equivalency conversion chart. Requires a minimum of math. -- *H.W. Sams*

From the Publisher
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