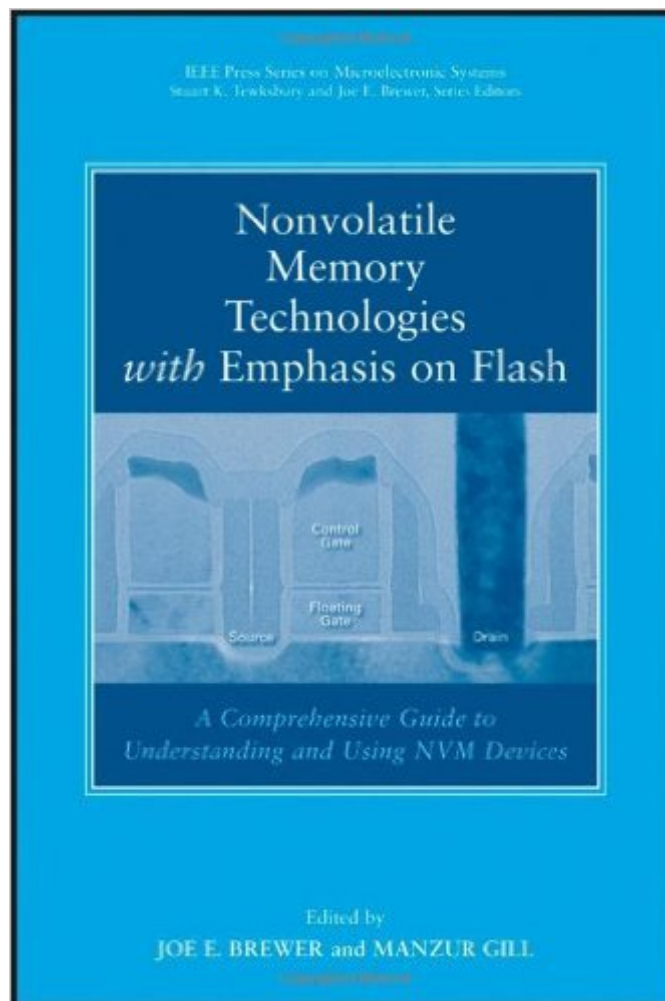


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# Nonvolatile Memory Technologies With Emphasis On Flash: A Comprehensive Guide To Understanding And Using Flash Memory Devices



## Synopsis

Presented here is an all-inclusive treatment of Flash technology, including Flash memory chips, Flash embedded in logic, binary cell Flash, and multilevel cell Flash. The book begins with a tutorial of elementary concepts to orient readers who are less familiar with the subject. Next, it covers all aspects and variations of Flash technology at a mature engineering level: basic device structures, principles of operation, related process technologies, circuit design, overall design tradeoffs, device testing, reliability, and applications.

## Book Information

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## Customer Reviews

Really good book for nonvolatile memories

this book gives a very nice overview of the important circuits and algorithm for flash design. It does not go into a lot of detail, but describes enough to make you understand. If you are a newbie to flash, then I would say go for it. It covers technology, circuit, algorithm and logic aspects of flash design. So if you are looking for a career in any of these, I would recommend this book. You will learn a lot for sure.

This book will give you an excellent overview on nonvolatile memories, of course, especially about floating-gate Flash. As you can easily expect, each chapter has been written by famous researchers

in academies and industries because this book is one of the IEEE press series. I was able to read through this book so easily because it doesn't deal with headaching theories and equations. You won't be able to get an introductory and in-depth knowledge about some topics in this book. But authors provide a lot of references which help your further study. Good book to overlook what's going on in the field of Flash and new emerging memory.

Very good book. Comprehensive and approachable for a beginner in the area of NVM with emphasis on Flash. Well organized. Highly recommended

This is the only recent one to discuss flash memory with its history, principle, and ckt application. An excellent intro book for a general understanding.

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