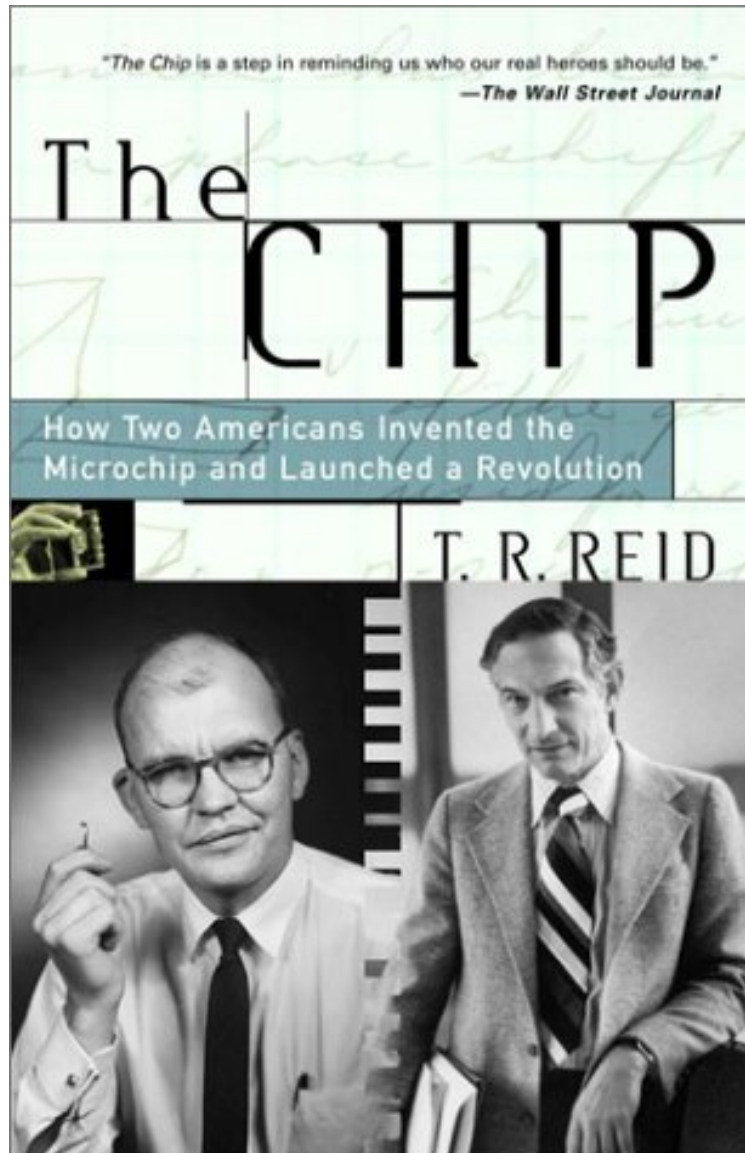


# The Chip: How Two Americans Invented the Microchip and Launched a Revolution

T.R. Reid

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**T.R. Reid : The Chip: How Two Americans Invented the Microchip and Launched a Revolution** before purchasing it in order to gage whether or not it would be worth my time, and all praised The Chip: How Two Americans Invented the Microchip and Launched a Revolution:

0 of 0 people found the following review helpful. It was a very good history of the invention of the microprocessor and the ...By BoomerIt was a very good history of the invention of the microprocessor and the different stages of it. It had

a lot of details both technical as well as business on the challenges of getting this into production. For those who like technical details on computer logic it will be very interesting. If you aren't interested in some of the finer details you might end up skipping a couple of chapters later in the book. Very interesting and well written. 1 of 1 people found the following review helpful. Great Historical Review of modern Tech By Misael Deleon This book is very insightful especially for those young people who were not around at the turn of the 20th century for the invention of the light bulb (that may be most of us) in how it brought about the invention of the tube, the transistor and hence the chip. It is very clear and informative in its total development. It brings the reader into the world of the inventor, their hopes, dreams and aspirations. Moreover, it brings you a glimpse of what scientist/inventors must do to prove down the road if they indeed invented said invention. Finally, it brings a complete idea of how Americans created industries but only to lose them to their competitive counter parts by their lack of vision in the production process that resulted in poor quality standards. The book is a must read especially for those interested in how Intel became to be known as Intel especially from the human perspective of the inventor. A great read for all. 0 of 0 people found the following review helpful. Very educational By Brian Duffens I really enjoyed the historical accounts of how they came up with the monolithic idea to resolve the issue with the tyranny of numbers...that was really good! It does make someone ask why Jack Kilby and Robert Noyce aren't household names...they should be! There's a section that tries to describe how different circuits are put together for a pocket calculator. That was challenging, but it really helped me understand many things that have been a mystery to me. Learning that George Boole's "Boolean Algebra" is used as the cornerstone of digital logic is fascinating! Especially since he invented it in the early to mid 1800's...how the heck did he do that!

Barely fifty years ago a computer was a gargantuan, vastly expensive thing that only a handful of scientists had ever seen. The world's brightest engineers were stymied in their quest to make these machines small and affordable until the solution finally came from two ingenious young Americans. Jack Kilby and Robert Noyce hit upon the stunning discovery that would make possible the silicon microchip, a work that would ultimately earn Kilby the Nobel Prize for physics in 2000. In this completely revised and updated edition of *The Chip*, T.R. Reid tells the gripping adventure story of their invention and of its growth into a global information industry. This is the story of how the digital age began. From the Trade Paperback edition.