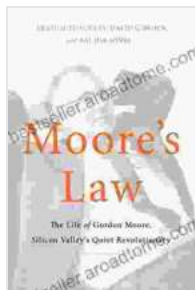


# The Quiet Revolutionary: Uncovering the Life of Gordon Moore

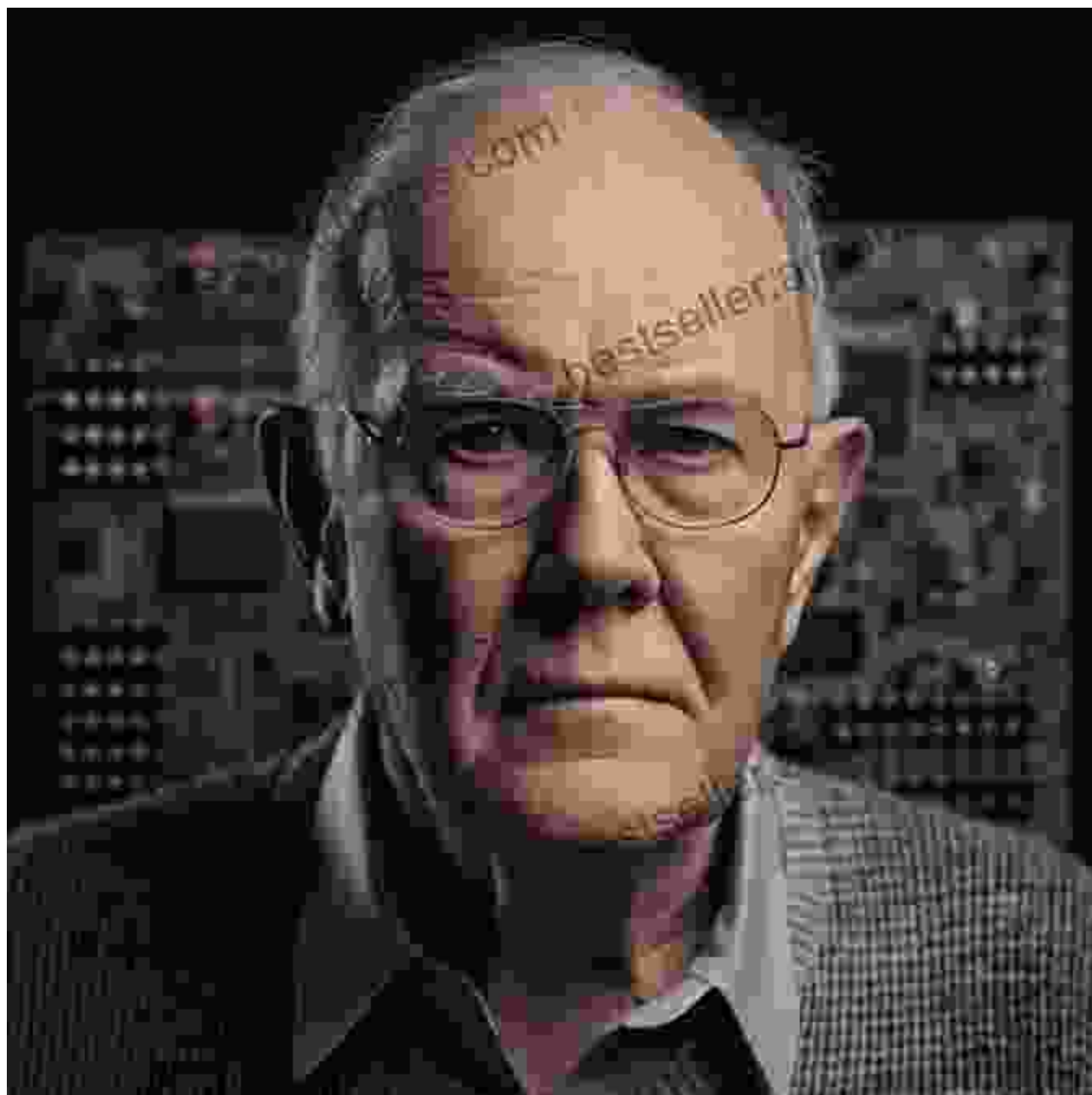


## Moore's Law: The Life of Gordon Moore, Silicon Valley's Quiet Revolutionary by Arnold Thackray

★★★★☆ 4.6 out of 5

Language : English  
File size : 31804 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Word Wise : Enabled  
Print length : 562 pages





## **Chapter 1: The Early Years**

Gordon Earl Moore was born on January 3, 1929, in San Francisco, California. His father, Gordon Sr., was a chemical engineer, and his mother, Mary, was a homemaker. Gordon was a bright and curious child, and he developed a fascination with electronics at an early age.

Moore attended Boalt Hall School of Law at the University of California, Berkeley, but soon realized that his true passion lay in engineering. He transferred to the University of California, Berkeley's College of Engineering, where he earned his bachelor's degree in electrical engineering in 1950.

## **Chapter 2: The Birth of Silicon Valley**

After graduating from Berkeley, Moore worked as a research engineer at the Applied Physics Laboratory at Johns Hopkins University. In 1956, he joined Shockley Semiconductor Laboratory, a company founded by William Shockley, one of the inventors of the transistor.

Shockley Semiconductor Laboratory was a hotbed of innovation, and it was there that Moore met Robert Noyce. Noyce and Moore shared a vision for a new type of semiconductor company, one that would be focused on developing and manufacturing integrated circuits (ICs).

## **Chapter 3: The Founding of Intel**

In 1968, Moore and Noyce left Shockley Semiconductor Laboratory and founded Intel. The company's initial focus was on the production of dynamic RAM (DRAM) chips. However, in 1971, Moore made a breakthrough that would change the course of the company's history.

Moore observed that the number of transistors on a computer chip had doubled about every two years since the invention of the integrated circuit. This observation, which became known as Moore's Law, has held true for over 50 years and has been a major driver of the growth of the electronics industry.

## **Chapter 4: The Quiet Revolutionary**

Gordon Moore was a quiet and unassuming man. He was not known for his charisma or his public speaking skills. However, he was a brilliant engineer and a visionary leader. He was also a man of great integrity and humility.

Moore's leadership style was based on trust and respect. He believed that the best way to motivate people was to give them the freedom to do their work and to support them when they needed it.

## **Chapter 5: The Legacy of Gordon Moore**

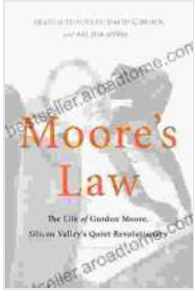
Gordon Moore retired from Intel in 1997. However, he remained active in the technology industry as a board member of several companies and as a philanthropist. He was also a strong advocate for education and research.

Gordon Moore died on March 29, 2018, at the age of 89. He left behind a legacy of innovation, leadership, and philanthropy. He was a true Silicon Valley pioneer and one of the most influential figures in the history of technology.

Gordon Moore was a quiet revolutionary who changed the world. His invention of Moore's Law has been a driving force behind the growth of the electronics industry, and his leadership has helped to create one of the most successful companies in the world.

Moore's legacy is one of innovation, leadership, and philanthropy. He was a true Silicon Valley pioneer and an inspiration to generations of engineers and entrepreneurs.

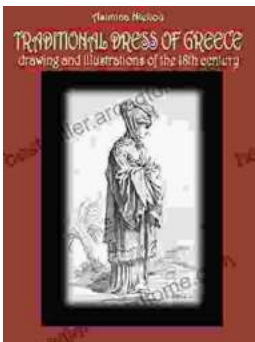
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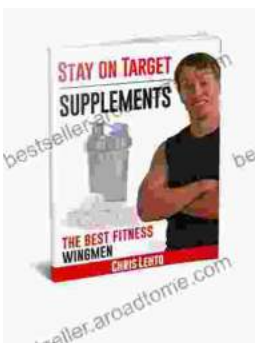
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