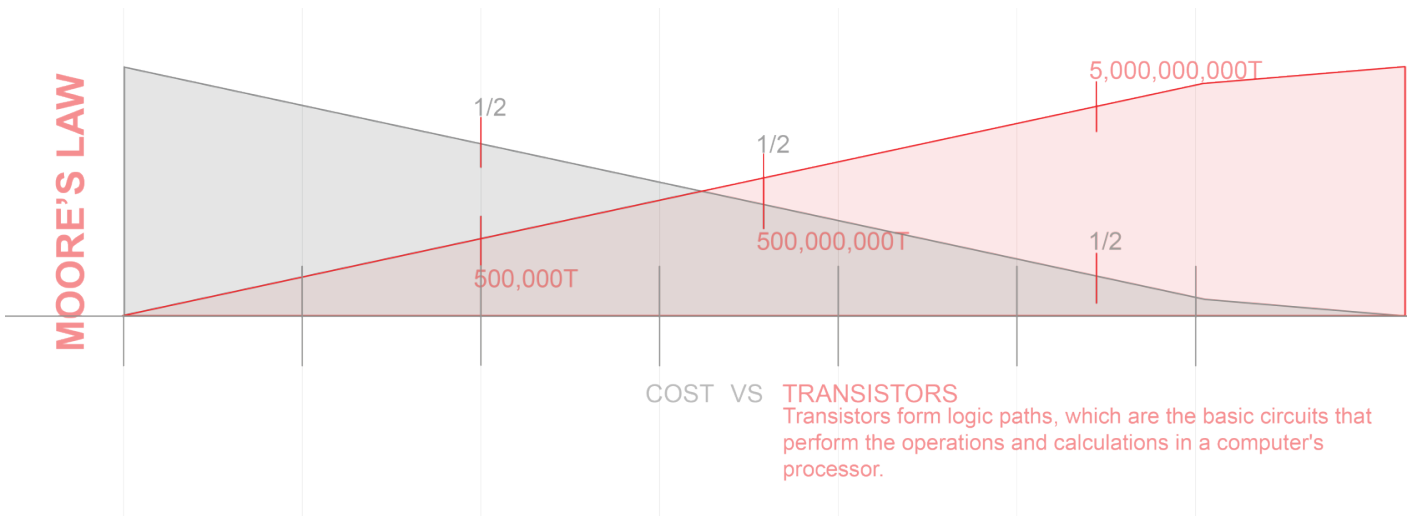


Moore's Law



Moore's Law is the observation, first made by Gordon Moore in 1965, that the number of transistors on an integrated circuit doubles approximately every two years, leading to more powerful, smaller, and less expensive electronics. This techno-economic model has driven innovation and exponential growth in the information age but is currently facing limits due to molecular-scale physics and escalating fabrication costs, suggesting the classical form of the law is slowing down or ending.

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