

MOORE'S LAW

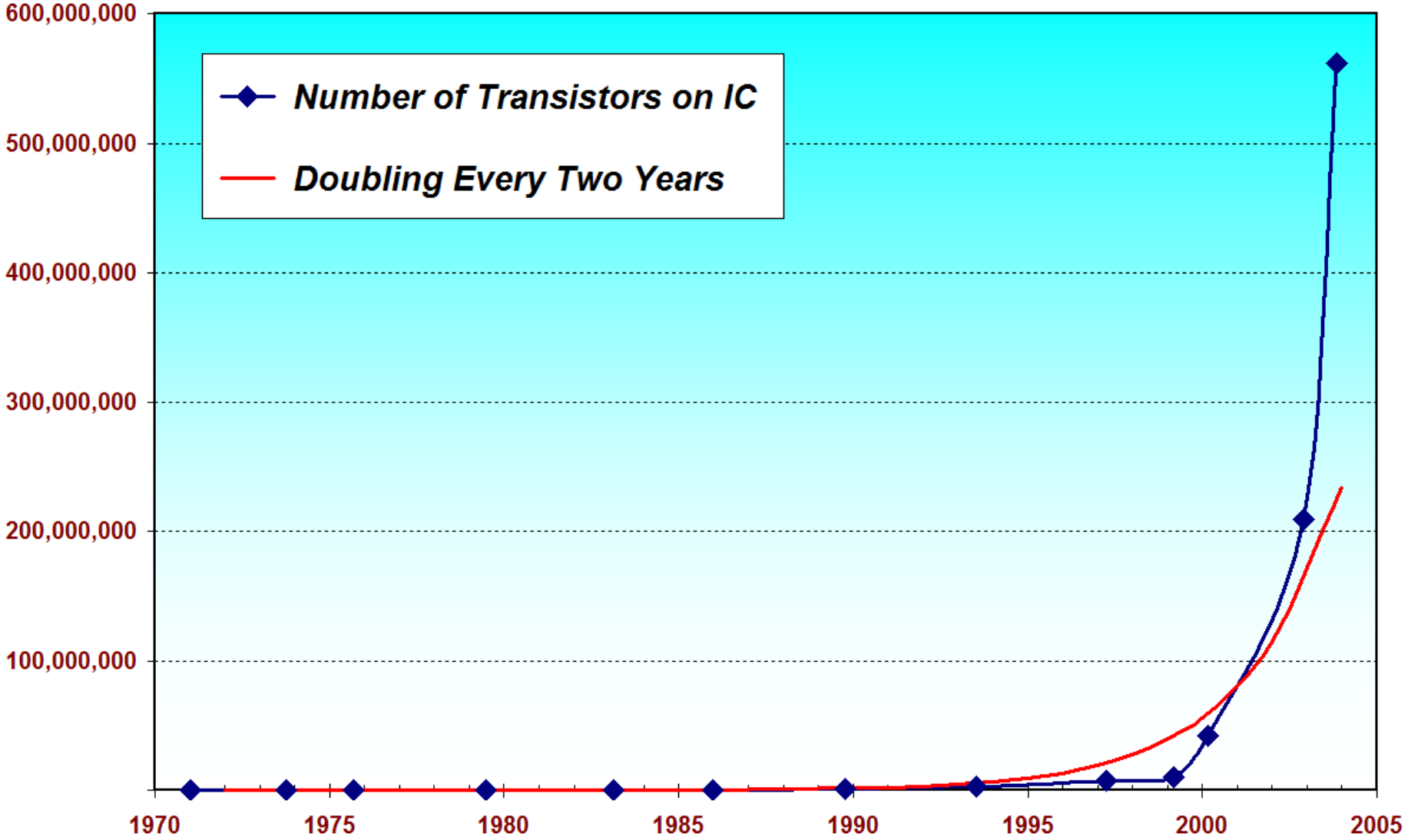
In 1965, Gordon Moore (co-founder of Intel) gave a paper in which he observed that new memory chips had roughly twice the capacity of their predecessors, and were released 18-24 months following the previous chips.

The trend continued, and has become known as Moore's Law.

But it is more than just a description. It has become the game plan of the entire computing industry, and a self-fulfilling prophecy. Software and hardware engineers plan their innovations assuming that the necessary performance will be available on schedule.

Need more capacity or performance to accomplish a particular task? You can predict when it will be available!

Number of Transistors per IC



Number of Transistors per IC

(log scale)

