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E. A. Gonzalez, BiCMOS Technology: Processes, Trends, and Applications 2 CHAPTER 1 INTRODUCTION The evolution and adaptation of the microelectronics industry to the BiCMOS technology and its extended families provide a paradigm shift in the development of high-speed, low-power digital and analog integrated circuits.

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power) the BiCMOS speed performance is better than the that of bipolar.

## **Bicmos Technology - Overview**

The term CMOS stands for “Complementary Metal Oxide Semiconductor”. CMOS technology is one of the most popular technology in the computer chip design industry and broadly used today to form integrated circuits in numerous and varied applications. Today’s computer memories, CPUs and cell phones make use of this technology due to several key advantages.

## **CMOS Technology Working Principle and Its Applications**

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