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References; Equalizers for High-Speed Serial Links
; 1 Introduction
2 Channel Modeling

Sommario/riassunto

MOS technology has rapidly become the de facto standard for mixed-signal integrated circuit design due to the high levels of integration possible as device geometries shrink to nanometer scales. The reduction in feature size means that the number of transistor and clock speeds have increased significantly. In fact, current day microprocessors contain hundreds of millions of transistors operating at multiple gigahertz. Furthermore, this reduction in feature size also has a significant impact on mixed-signal circuits. Due to the higher levels of integration, the majority of ASICs possess
