

Abstracts

Applications of Si/SiGe technology for high-speed communications systems

L.E. Larson and M.J. Delaney. "Applications of Si/SiGe technology for high-speed communications systems." 1999 MTT-S International Microwave Symposium Digest 99.3 (1999 Vol. III [MWSYM]): 1077-1080 vol.3.

This paper will summarize recent developments in the field of Si/SiGe HBT technology for high-speed communications applications. This technology promises to provide "III-V-like" performance in a silicon VLSI environment, and recent developments demonstrate that highly integrated mixed-signal devices can be implemented with outstanding performance and yield.

 [Return to main document.](#)