

Abstracts

Sub-micron silicon RFIC technologies: an overview

D.K. Lovelace, J.L. Finol and J.C. Durec. "Sub-micron silicon RFIC technologies: an overview." 1998 Radio Frequency Integrated Circuits (RFIC) Symposium 98. (1998 [RFIC]): 317-320.

Silicon based semiconductors have become the standard active device technology of choice in today's cost and performance driven consumer wireless products. No longer is silicon technology confined to low frequency analog and digital processing functions. Silicon devices have now reached high frequency performance levels which allow them to be used almost exclusively in the RF section of many wireless communication circuits. This paper deals with the issues involved in employing silicon IC technologies to low cost, low power, RF circuits.

 [Return to main document.](#)