

Abstracts

CMOS RF circuits for integrated wireless systems

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There is increasing interest in the use of CMOS circuits for highly integrated high frequency wireless telecommunications systems. This paper presents the results of on-going work into the development of a cell library that includes many of the circuit elements required for the high frequency sub-system of a communications integrated circuit. The cells were fabricated using standard CMOS processes and measurement results are presented. No post processing was used with the circuits described.

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