

Abstracts

A 2.7 V image reject receiver for DECT

A. Hanke, K. Hadjizada, S. Heinen, G.L. Puma and W. Geppert. "A 2.7 V image reject receiver for DECT." 1998 Radio Frequency Integrated Circuits (RFIC) Symposium 98. (1998 [RFIC]): 93-96.

An image reject receiver IC for DECT with min. 27 dB power gain is presented. The effect of different realizations of phase shifter networks on the receiver performance is discussed in detail. It is shown that this kind of architecture gives a large gain in overall cost, because of the decrease of external components in the RF and IF path of the complete receiver.

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