

Abstracts

A new methodology for the computation of the substrate parasitics of octagonal inductors (2002 [RFIC])

W. Tatinian, P. Pannier and R. Gillon. "A new methodology for the computation of the substrate parasitics of octagonal inductors (2002 [RFIC])." 2002 Radio Frequency Integrated Circuits (RFIC) Symposium 02. (2002 [RFIC]): 319-322.

The paper provides a method for the computation of the substrate parasitics of symmetrical octagonal inductor, using a set of equivalent structures. This method has been tested on a wide range of inductors and the error due to computation is lower than the one due to the topology of the model itself.

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