

Abstracts

The Design of Active Floating Positive and Negative Inductors in MMIC Technology

S. El Khoury. "The Design of Active Floating Positive and Negative Inductors in MMIC Technology." 1995 Microwave and Guided Wave Letters 5.10 (Oct. 1995 [MGWL]): 321-323.

An original method for the determination of all possible inductive circuits as a function of the number of FET's used is described in this paper. The method is of general use in monolithic microwave integrated circuits. Circuits with large inductance, either positive or negative in value, can be obtained along with low loss or even negative resistance.

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