

Abstracts

Broad-Band, Lossless Monolithic Microwave Active Floating Inductor

G.F. Zhang and J.L. Gautier. "Broad-Band, Lossless Monolithic Microwave Active Floating Inductor." 1993 Microwave and Guided Wave Letters 3.4 (Apr. 1993 [MGWL]): 98-100.

Broad-band, lossless microwave active floating inductor is proposed in this paper for general use in monolithic microwave integrated circuit. The attractive features of this active floating inductor are that 1) it is lossless, 2) it can operate over a wide microwave frequency range, 3) its size is independent of the inductance value, and 4) it can be easily made in MMIC.

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