

# Abstracts

## Reducing the substrate losses of RF integrated inductors

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*F. Mernyei, F. Darrer, M. Pardoen and A. Sibrai. "Reducing the substrate losses of RF integrated inductors." 1998 Microwave and Guided Wave Letters 8.9 (Sep. 1998 [MGWL]): 300-301.*

The authors introduce a new method for reducing the substrate-related losses of integrated spiral inductors for Si RF ICs. Measurement based equivalent circuit parameters are demonstrated. Using our method the quality factor increased from 5.3 to 6.0 at 3.5 GHz at an 1.8 nH inductor.

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