

Abstracts

Broad Band Monolithic Microwave Active Inductor and Application to a Miniaturized Wide Band Amplifier (1988 Vol. I [MWSYM])

S. Hara, T. Tokumitsu, T. Tanaka and M. Aikawa. "Broad Band Monolithic Microwave Active Inductor and Application to a Miniaturized Wide Band Amplifier (1988 Vol. I [MWSYM])." 1988 MTT-S International Microwave Symposium Digest 88.1 (1988 Vol. I [MWSYM]): 107-110.

A broad band monolithic microwave active inductor is proposed. This active inductor operates in a much higher frequency range than a spiral inductor and its size is independent of the inductance value. A 0.1 - 10GHz miniaturized wide band amplifier is also realized by utilizing the active inductors.

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