

Abstracts

A general small-signal series impedance extraction technique

*L. Vestling and J. Ankarcrona. "A general small-signal series impedance extraction technique." 2002 *Microwave and Wireless Components Letters* 12.7 (Jul. 2002 [MWCL]): 249-251.*

A new technique for extracting the series inductances and resistances in a small-signal equivalent circuit is presented. The technique does not rely on approximation and should therefore be as accurate as the measured data. The technique can also be used to extract the intrinsic parameters if they are not easily achieved using other methods. The method is exemplified with a microwave LDMOS transistor.

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