

Abstracts

Analysis of ground bond wire arrays for RFICs (1997 [RFIC])

H. Patterson. "Analysis of ground bond wire arrays for RFICs (1997 [RFIC])." 1997 Radio Frequency Integrated Circuits (RFIC) Symposium 97. (1997 [RFIC]): 237-240.

This paper outlines a method for rapid computation of the inductance of arrays of ground bond wires for RFICs, thus saving a designer considerable time over using inaccurate empirical equations or slowly converging electromagnetic simulators. Results comparable in accuracy to a fully derailed PEEC electromagnetic simulation are shown.

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