

Abstracts

Analysis of VLSI Interconnect Structures

L. Carin, Q. Xu, K.J. Webb and J.A. McClintock. "Analysis of VLSI Interconnect Structures." 1987 MTT-S International Microwave Symposium Digest 87.2 (1987 Vol. II [MWSYM]): 625-628.

Theoretical and experimental results are presented for coupled microstrip structures typically used in VLSI, microwave, and millimeter-wave circuits. Full-wave data for pulse and time harmonic propagation is presented. Results from this work can be used in establishing design criteria for high-speed digital circuits.

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