

Abstracts

High Dielectric Substrates for Microwave Hybrid Integrated Circuitry

G.D. Vendelin. "High Dielectric Substrates for Microwave Hybrid Integrated Circuitry." 1967 G-MTT International Microwave Symposium Program and Digest 67.1 (1967 [MWSYM]): 125-128.

Microstrip transmission-line components are finding wide application in microwave integrated circuits. Properties of the microstrip structure have previously been investigated for semiconductor dielectrics, low-dielectric ($k < 10$) ceramics, sapphire, and Polyguide. This paper will present the properties of high-dielectric ($k > 10$) substrates in the microstrip configuration.

 [Return to main document.](#)