

Abstracts

Silicon Bipolar Microwave Power Transistors

R. Allison. "Silicon Bipolar Microwave Power Transistors." 1979 Transactions on Microwave Theory and Techniques 27.5 (May 1979 [T-MTT] (Special Issue on Solid-State Microwave/Millimeter-Wave Power Generation, Amplification, and Control)): 415-422.

This paper presents a review of the present states of commercially available silicon bipolar transistors and projects what power at frequency performance will be available in the next few years. It discusses the need for implementing certain fabrication/processing developments necessary to meet the projected power at frequency performance levels.

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