

Abstracts

The Development of a GaAs MMIC Reliability and Space Qualification Guide

G.E. Ponchak, S. Kayali and H.-C. Huang. "The Development of a GaAs MMIC Reliability and Space Qualification Guide." 1994 Microwave and Millimeter-Wave Monolithic Circuits Symposium Digest 94.1 (1994 [MCS]): 69-72.

NASA, JPL, and DOD are collaborating with GaAs MMIC users, manufacturers, and international space agencies to develop the "GaAs MMIC Reliability and Space Qualification Guide." This paper discusses the need for a space qualification guide, provides a brief description of some common GaAs failure mechanisms, the approach that the NASA MMIC Reliability Assurance Program is following to develop the guide, and the status of the program.

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