

Electric Noise and Semiconductor Reliability

Titu-Marius I. BĂJENESCU

La Conversion, Switzerland
tmbajenesco@bluewin.ch

Abstract

Low-frequency electrical noise is a sensitive measure of defects in semiconductor devices because the noise has an impact, directly or indirectly, on the performance and reliability of the device. Its measurement is particularly important to characterize noise in semiconductor devices.

Keywords: Reliability, semiconductor, noise, excess noise, popcorn noise, flicker noise, noise figure, noise mechanisms

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