

Abstracts

Low voltage electronics for portable wireless applications: an industrial perspective

M. Golio. "Low voltage electronics for portable wireless applications: an industrial perspective." 1998 MTT-S International Microwave Symposium Digest 98.1 (1998 Vol. 1 [MWSYM]): 319-322.

This paper provides an overview of low voltage/low power electronics developments and issues for portable RF wireless applications. Issues discussed include: semiconductor materials, device technologies, device modeling, circuit approaches, and system architectures. Finally, issues that impact the lower limits achievable in DC power and voltage reductions are discussed.

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