

Active Filters for Integrated-Circuit Applications



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Integrated circuits are used in a wide range of devices, from microprocessors to audio

and video equipment. Active filters play a critical role in the design of this equipment, preventing unwanted frequencies from interfering with the electronic signal. A thorough understanding of these topics is essential for engineers working in the field. For the first time, professionals and students find comprehensive knowledge and detailed design guidance on active filters for integrated-circuit applications in this single, authoritative resource. The book identifies common problem areas, reviews circuit analysis operations, and thoroughly explains the concept of feedback. Engineers find a case study for two operational amplifier designs that illustrates key challenges that need to be overcome. CD-ROM Included! Contains circuit and Matlab[registered] files that help readers solve examples presented in the book.

作者介绍:

目录:

[Active Filters for Integrated-Circuit Applications_下载链接1_](#)

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