

**Analog and Mixed-Signal Products**

# **Analog Applications Journal**

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# Introduction

*Analog Applications Journal* is a collection of analog application articles designed to give readers a basic understanding of TI products and to provide simple but practical examples for typical applications. Written not only for design engineers but also for engineering managers, technicians, system designers and marketing and sales personnel, the book emphasizes general application concepts over lengthy mathematical analyses.

These applications are not intended as “how-to” instructions for specific circuits but as examples of how devices could be used to solve specific design requirements. Readers will find tutorial information as well as practical engineering solutions on components from the following product categories:

- Data Acquisition
- Power Management
- Interface (Data Transmission)
- Amplifiers

Where applicable, readers will also find software routines and program structures. Finally, *Analog Applications Journal* includes helpful hints and rules of thumb to guide readers in preparing for their design.

Because this book is limited in size, readers should refer to more detailed technical information, which can be found on TI's product-specific websites listed at the end of each article.

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 Fax 886-2-2378-6808  
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 Internet [www.ti.com/sc/apic](http://www.ti.com/sc/apic)

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