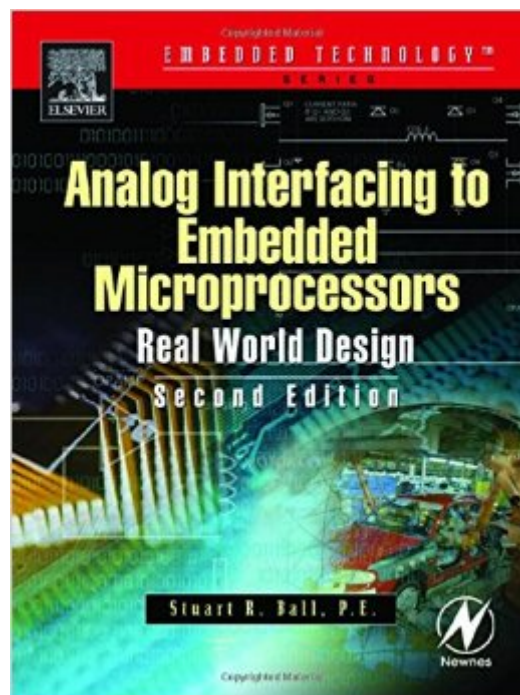# Analog Interfacing To Embedded Microprocessor Systems, Second Edition (Embedded Technology Series)

Synopsis

Analog Interfacing to Embedded Microprocessors addresses the technologies and methods used in interfacing analog devices to microprocessors, providing in-depth coverage of practical control applications, op amp examples, and much more. A companion to the author's popular Embedded Microprocessor Systems: Real World Design, this new embedded systems book focuses on measurement and control of analog quantities in embedded systems that are required to interface to the real world. At a time when modern electronic systems are increasingly digital, a comprehensive source on interfacing the real world to microprocessors should prove invaluable to embedded systems engineers, students, technicians, and hobbyists. Anyone involved in connecting the analog environment to their digital machines, or troubleshooting such connections will find this book especially useful. Stuart Ball is also the author of Debugging Embedded Microprocessor Systems, both published by Newnes. Additionally, Stuart has written articles for periodicals such as Circuit Cellar INK, Byte, and Modern Electronics. * Provides hard-to-find information on interfacing analog devices and technologies to the purely digital world of embedded microprocessors* Gives the reader the insight and perspective of a real embedded systems design engineer, including tips that only a hands-on professional would know* Covers important considerations for both hardware and software systems when linking analog and digital devices

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Customer Reviews

I keep this book on my office bookshelf. With its coverage of all manner of I/O devices from sensors and actuators to timer/counters to stepper motors, it's come in handy a few times. Think of it as your reference to interfacing to the real world in which your system operates.

Yes, It is another good book for reference. It covers most of topics in embedded system interfacing with analog world.

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