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Introduction This textbook serves as an introduction to the subject of embedded systems design, using microcontrollers as core components. It develops concepts from the ground up, covering the development of embedded systems technology, architectural and organizational aspects of controllers and systems, processor models, and peripheral devices.

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This is the solution manual for Embedded Systems: Volume 1: Introduction to ARM Cortex-M Microcontrollers, 978-1477508992

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Embedded system - Wikipedia

An embedded system is a system that

performs a specific task and has a

computer embedded inside. A system

is comprised of components and

interfaces connected together for a

common purpose. This book is an

introduction to embedded systems.

Specific topics include

microcontrollers, fixed-point numbers,

the design of software in assembly

language and C, elementary data

structures, programming