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Nota di contenuto	Introduction -- LDO Key Specifications -- Analog Control LDO -- Digital Control LDO -- Switching Control LDO -- Distributed LDO -- Summary and Conclusions.
Sommario/riassunto	This book discusses in detail the key specifications of fully integrated low-dropout regulators (LDOs). It covers the various LDO architectures, including the classic analog architectures and the state-of-the-art digital and switching control methods. The design insight and comparison are discussed according to the key performance index. Readers will be enabled to find a suitable architecture when designing a fully integrated LDO. Provides a comprehensive discussion of the key specifications of fully integrated low-dropout regulators (LDOs); Covers the classic analog architectures, as well as state-of-the-art digital and switching control methods; Provides design insights and comparison of various LDO architectures, helping readers to find a suitable architecture when designing fully integrated LDOs.