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Sommario/riassunto	Addresses the Challenges Associated with System-on-Chip IntegrationNetwork-on-Chip: The Next Generation of System-on-Chip Integration examines the current issues restricting chip-on-chip communication efficiency, and explores Network-on-chip (NoC), a promising alternative that equips designers with the capability to produce a scalable, reusable, and high-performance communication backbone by allowing for the integration of a large number of cores on

a single system-on-chip (SoC). This book provides a basic overview of topics associated with NoC-based design: communication infrastructure design