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Titolo	Data Transmission at Millimeter Waves : Exploiting the 60 GHz Band on Silicon // by Khaled Khalaf, Vojkan Vidojkovic, Piet Wambacq, John R. Long
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Introduction -- Background -- Design and Simulation Results -- Top-Level Design -- Layout and Post-Layout Simulations -- Perspectives -- Transformer-Coupled Buffer.
Sommario/riassunto	This book describes the design of a receiver front-end circuit for operation in the 60GHz range in 90nm CMOS. Physical layout of the test circuit and post-layout simulations for the implementation of a test chip including the QVCO and the first stage divider are also presented. The content of this book is particularly of interest to those working on mm-wave frequency generation and signal reception.