Record Nr. UNINA9910813029803321 Autore Nguyen Cam Titolo Radio-frequency integrated-circuit engineering / / Cam Nguyen Hoboken, New Jersey:,: Wiley,, 2015 Pubbl/distr/stampa ©2015 **ISBN** 1-118-90047-2 1-118-99974-6 1-118-93648-5 Descrizione fisica 1 online resource (884 pages): illustrations (some color), graphs, tables Collana Wiley Series in Microwave and Optical Engineering Classificazione TEC024000 Disciplina 621.382 Soggetti Radio frequency integrated circuits Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Bibliographic Level Mode of Issuance: Monograph Note generali Includes bibliographical references at the end of each chapters and Nota di bibliografia index. Sommario/riassunto "Complementary metal-oxide-semiconductor (CMOS) is a technology for constructing integrated circuits. This book thoroughly discusses the theory, analysis, design, and high-frequency/high-speed characteristics and applications of printed-circuit transmission lines used in integrated circuits and systems. It discusses applications in all areas of high-frequency technology, including wireless communications, optical engineering, and computers. Accompanied by a solutions manual, this text is ideal for senior and advanced undergraduate students, as well as RF microwave engineers, optical

engineers, solid-state device engineers, and computer engineers"--