

1. Record Nr.	UNINA9910785446303321
Autore	Chenakin Alexander
Titolo	Frequency synthesizers : concept to product // Alexander Chenakin
Pubbl/distr/stampa	Boston : , : Artech House, , ©2011 [Piscataqay, New Jersey] : , : IEEE Xplore, , [2010]
ISBN	1-59693-231-7
Descrizione fisica	1 online resource (xv, 214 pages) : illustrations
Collana	Artech House microwave library
Soggetti	Frequency synthesizers Frequency changers
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Parameters and architectures -- Building blocks -- Synthesizer construction -- Design process -- Improving performance -- Advanced functions.
Sommario/riassunto	A frequency synthesizer is an electronic system for generating any of a range of frequencies from a single fixed oscillator. They are found in modern devices like radio receivers, mobile phones, and GPS systems. This comprehensive resource offers RF and microwave engineers a thorough overview of both well-established and recently developed frequency synthesizer design techniques. Professionals find expert guidance on all design aspects, including main architectures, key building blocks, and practical circuit implementation. Engineers learn the development process and gain a solid understanding of how to build a synthesizer from a basic diagram to the final product. Starting with a simple single-loop PLL example, the book progressively examines various alternatives -- fractional-N, DDS, frequency offset, multiloop and more - to achieve required performance objectives. This unique volume gathers a collection of block diagrams, clever circuits, design recipes, and other hard-to-find information that is usually treated as "design secrets". Written in a simple yet rigorous style with numerous illustrations, the book is an all-in-one reference for both beginner and experienced designers.

2. Record Nr.	UNINA9910964993903321
Titolo	Global surveillance, prevention and control of chronic respiratory diseases : a comprehensive approach / / [produced under the overall direction of Jean Bousquet and Nikolai Khaltaev, editors ; the core contributors were Alvaro A. Cruz ... et al.]
Pubbl/distr/stampa	Geneva, : World Health Organization, 2007
ISBN	1-281-30771-8 9786611307714 92-4-068746-7 92-4-068243-0
Edizione	[1st ed.]
Descrizione fisica	1 online resource (154 p.)
Altri autori (Persone)	BousquetJean <1956-> KhaltaevN. G CruzAlvaro A
Disciplina	362.1
Soggetti	Respiratory organs - Diseases Respiratory organs - Diseases - Risk factors Respiratory organs - Diseases - Prevention Respiratory organs - Diseases - Treatment Chronic diseases Chronic diseases - Risk factors Chronic diseases - Prevention Chronic diseases - Treatment World health
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Book Cover; Title; Copyright; Contents; Foreword; Supporting Statements; Overview; Chronic Respiratory Diseases; Risk Factors for Chronic Respiratory Diseases; Stepwise Framework for Action; References; Annex
Sommario/riassunto	Chronic respiratory diseases, such as asthma and chronic obstructive pulmonary disease, kill more than 4 million people every year, and affect hundreds of millions more. These diseases erode the health and

well-being of the patients and have a negative impact on families and societies. This report raises awareness of the huge impact of chronic respiratory diseases worldwide, and highlights the risk factors as well as ways to prevent and treat these diseases.
