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Titolo	LCP for microwave packages and modules // [edited by] Anh-Vu H. Pham, Morgan J. Chen, Kunia Aihara [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2012
ISBN	1-107-22699-6 1-139-41127-6 1-280-77372-3 9786613684493 1-139-42263-4 0-511-77724-8 1-139-41961-7 1-139-41756-8 1-139-42166-2 1-139-42370-3
Descrizione fisica	1 online resource (xiv, 253 pages) : digital, PDF file(s)
Collana	The Cambridge RF and microwave engineering series
Classificazione	TEC024000
Disciplina	621.381/3
Soggetti	Microwave devices - Materials Flexible electronics Microelectronic packaging - Materials Liquid crystal devices Polymer liquid crystals
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Machine generated contents note: 1. Introduction; 2. Characteristics of liquid crystal polymer (LCP) Morgan J. Chen, Kunia Aihara, Cheng Chen and Anh-Vu H. Pham; 3. Fabrication techniques for processing LCP laminates; 4. LCP for wafer level chip scale MEMS; 5. LCP for surface mount interconnects, packages, and modules; 6. LCP for passive components Hai Ta, Morgan J. Chen, Kunia Aihara, Andy C. Chen, Jia-Chi Samuel Chieh and Anh-Vu H. Pham; 7. LCP for system design Morgan J. Chen, Kunia Aihara, Andy C. Chen, Jia-Chi Samuel Chieh and Anh-Vu H. Pham; 8. LCP reliability.

## Sommario/riassunto

A comprehensive overview of electrical design using Liquid Crystal Polymer (LCP), giving you everything you need to know to get up-to-speed on the subject. This text describes successful design and development techniques for high-performance microwave and millimeter-wave packages and modules in an organic platform. These were specifically developed to make the most of LCP's inert, hermetic, low-cost, high-frequency (DC to 110+ GHz) properties. First-hand accounts show you how to avoid various pitfalls during design and development. You'll get extensive electrical design details in areas of broadband circuit design for low-loss interconnects, couplers, splitters/combiners, baluns, phase shifters, time-delay units (TDU), power amplifier (PA) modules, receiver modules, phased-array antennas, flexible electronics, surface mounted packages, Microelectromechanical Systems (MEMS) and reliability. Ideal for engineers in the fields of RF, microwave, signal integrity, advanced packaging, material science, optical and biomedical engineering.

2. Record Nr.	UNINA9910807228403321
Autore	Phillips Roderick
Titolo	Alcohol : a history // Rod Phillips
Pubbl/distr/stampa	Chapel Hill, North Carolina : , : The University of North Carolina Press, , 2014 ©2014
ISBN	979-88-908753-2-7 1-4696-1762-5 1-4696-1761-7
Descrizione fisica	1 online resource (655 p.)
Disciplina	394.1/3
Soggetti	Alcohol - Social aspects - History Drinking of alcoholic beverages - Social aspects - History Alcoholic beverage industry - History
Lingua di pubblicazione	Inglese
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## Nota di contenuto

Cover Page; Alcohol; Copyright Page; Dedication; Contents; Introduction; 1: Alcohol in Ancient Worlds; 2: Greece and Rome; 3: Religion and Alcohol; 4: The Middle Ages 1000-1500; 5: Early Modern Europe 1500-1700; 6: Distilled Spirits 1500-1750; 7: European Alcohol in Contact 1500-1700; 8: Europe and America 1700-1800; 9: Alcohol and the City 1800-1900; 10: The Enemies of Alcohol 1830-1914; 11: Alcohol and Native Peoples 1800-1930; 12: The First World War 1914-1920; 13: Prohibitions 1910-1935; 14: After Prohibitions 1930-1945; 15: Alcohol in the Modern World; Conclusion; Notes  
Select Bibliography  
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## Sommario/riassunto

Alcohol: A History

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