

1. Record Nr.	UNINA9910817212103321
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Titolo	Towards a modeling synthesis of two or three-dimensional circuits through substrate coupling and interconnections : noises and parasites // authored by Christian Gontrand
Pubbl/distr/stampa	Sharjah, United Arab Emirates : , : Bentham Science Publishers, , 2014 ©2014
ISBN	1-60805-826-3
Descrizione fisica	1 online resource (225 p.)
Disciplina	621.3192
Soggetti	Electric circuits
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 at the end of each chapters and index.
Nota di contenuto	Cover; Title; EUL; Contents; Foreword; Preface; Chapter 01; Chapter 02; Chapter 03; Chapter 04; Chapter 05; Index
Sommario/riassunto	The number of transistors in integrated circuits doubles every two years, as stipulated by Moore's law, and this has been the driving force for the huge development of the microelectronics industry in the past 50 years - currently advanced to the nanometric scale. This e-book is dedicated to electronic noises and parasites, accounting for issues involving substrate coupling and interconnections, in the perspective of the 3D integration: a second track for enhancing integration, also compatible with Moore's law. This reference explains the modeling of 3D circuits without delving into the latest