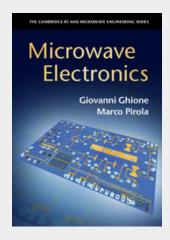
Microwave Electronics

Drawing on over twenty years of teaching experience, this comprehensive yet self-contained text provides an in-depth introduction to the field of integrated microwave electronics. Ideal for a first course on the subject, it covers essential topics such as passive components and transistors, linear, low-noise and power amplifiers, and microwave measurements. An entire chapter is devoted to CAD techniques for analysis and design, covering examples of easy-to-medium difficulty for both linear and non-linear subsystems, and supported online by ADS and AWR project files. More advanced topics are also covered, providing an up-to-date overview of compound semiconductor technologies and treatment of electromagnetic issues and models. Readers can test their knowledge with end-of-chapter questions and numerical problems, and solutions and lecture slides are available online for instructors. This is essential reading for graduate and senior undergraduate students taking courses in microwave, radio-frequency and high-frequency electronics, as well as professional microwave engineers.



78,20 € 73,08 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

ArtikeInummer: 9781107170278

Medium: Buch

ISBN: 978-1-107-17027-8

Verlag: Cambridge University Press **Erscheinungstermin:** 08.03.2019

Sprache(n): Englisch

Auflage: Erscheinungsjahr 2019 Serie: The Cambridge RF and Microwave Engineering Series Produktform: Gebunden

Gewicht: 1745 g Seiten: 620

Format (B x H): 221 x 286 mm



