



Introduction of semiconductor manufacturing technology (Second Edition)(Chinese Edition)

By Hong

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2013-01-01 Pages: 480 Publisher: Electronic Industry Press Information title: Introduction to Semiconductor Manufacturing Technology (Second Edition) List Price: 59.00 yuan: Hong Publisher: Electronic Industry Press Publication Date :2013-1-1 ISBN: 9787121188503 Words: 826 thousand yards: 480 Edition: 1 Binding: Paperback: 16 Weight: Editor's Summary This book consists of 15 chapters: Chapter 1. an overview of the semiconductor manufacturing process; 2 The chapter describes the basic semiconductor technology; Chapter 3 describes semiconductor devices. integrated circuit chips. as well as the early manufacturing technology; Chapter 4 describes the crystal structure. the growth of single crystal silicon wafer and silicon epitaxial technology; 5 The chapter discusses the heating process in semiconductor process; optical lithography process described in detail in Chapter 6; Chapter 7 discusses the the plasma theory used in the semiconductor manufacturing process; Chapter 8 discusses the ion implantation process; Chapter 9 details the etching process; Chapter 10 describes the basic chemical vapor deposition (CVD) and the dielectric thin-film deposition process. and the porous low-k dielectric deposition. the application of the air gap. atomic layer deposition (ALD) process; Chapter 11...

Reviews

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