

solid state electronics pdf

Solid-State Electronics Chap. 1 Instructor: Pei-Wen Li Dept. of E. E. NCU 13 Semiconductors for Electronic Device Application For electronic application, semiconductors must be crystalline and must contain a well-controlled concentration of specific impurities. Crystalline semiconductors are needed so the defect density is low.

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Introduction to Solid State Electronics - Richardson RFPD

physical properties of the material. The structures of solid materials are described with three main categories. (This can and is further subdivided.) These categories are: a. Amorphous b. Poly crystalline c. Crystalline To understand the distinction between these solid material types, we must first understand the concept of order.

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