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### Device Electronics For Integrated Circuits

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### integrated circuit | Types, Uses, & Function | Britannica

Electronic Design Automation ( EDA ), also referred to as Electronic Computer-Aided Design ( ECAD ), is a category of software tools for designing electronic systems, including integrated circuits. The tools work together in a design flow that engineers use to design and analyze entire semiconductor chips.

### Integrated circuit - Wikipedia

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Integrated circuits. This book provides all the required information for a course in modern device electronics taken by undergraduate electrical engineers. Offers coverage of silicon technology, several topics in basic semiconductor physics, and Hall-effect sensors. The chapters on MOSFET focus on mobility variations and threshold-voltage dependence.

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**Integrated circuit device and testing method thereof - NEC ...**

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**Device electronics for integrated circuits (Book, 2003 ...**

Sample for: Device Electronics for Integrated Circuits. Summary. This book provides all the required information for a course in modern device electronics taken by undergraduate electrical engineers. Offers coverage of silicon technology, several topics in basic semiconductor physics, and Hall-effect sensors.

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