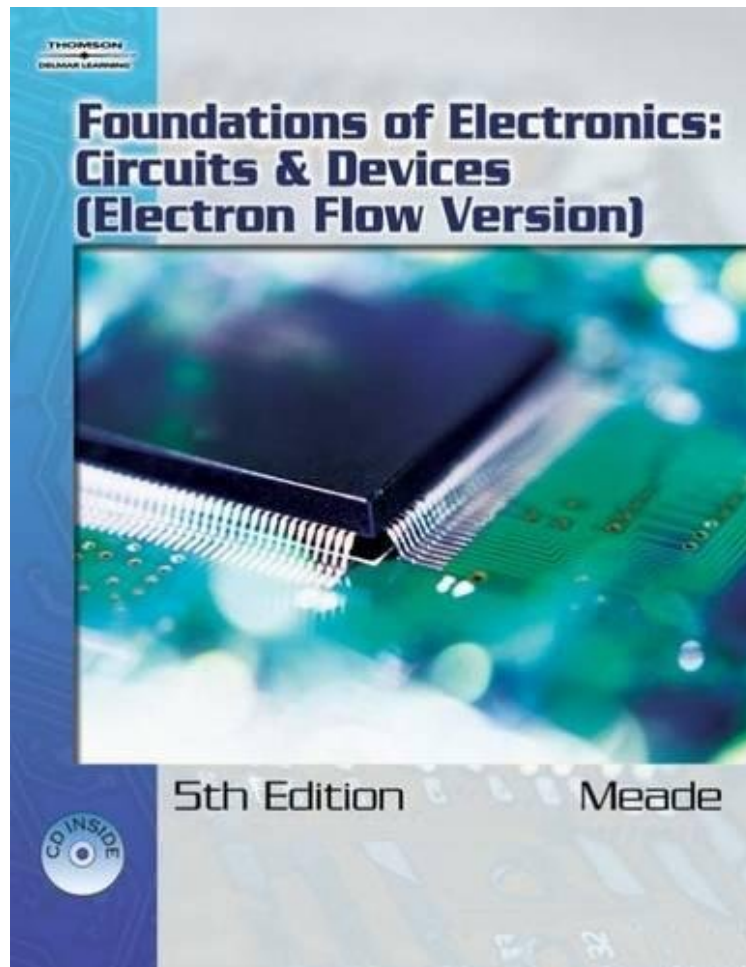


[Download ebook] Foundations of Electronics: Circuits Devices, Electron Flow Version

Foundations of Electronics: Circuits Devices, Electron Flow Version

Russell Meade

*DOC | *audiobook | ebooks | Download PDF | ePub*



[Download](#)

[Read Online](#)

#845912 in Books Cengage Learning 2006-04-24 Original language: English PDF # 1 11.50 x 1.50 x 8.75l, 5.15 #File Name: 14180053711072 pages | File size: 73.Mb

Russell Meade : Foundations of Electronics: Circuits Devices, Electron Flow Version before purchasing it in order to gauge whether or not it would be worth my time, and all praised Foundations of Electronics: Circuits Devices, Electron Flow Version:

1 of 1 people found the following review helpful. I find it a good resource for people who aren't Electronics Majors By Tinkerer Had this for several years even after taking the class I used it for, I find it a good resource for people who aren't Electronics Majors, however you'll probably get a better and more concise teaching from the US Navy Electricity and Electronics Training Series that is easily available online and for free on the net. I would only recommend this to people who need it for the class, but still a good book for those who haven't studied electronics. Though it is formatted as a textbook and will most likely require an instructor and extra material to learn from it effectively. 0 of 0 people found the following review helpful. Foundational and Fundamental By Richard Smith III Excellent fundamental material to give you a solid foundation and understanding of how electricity works and you

can build on this information. I had this book as a mandatory college resource for two classes I took back around 2010, it's held up quite well. In fact as an electrical apprentice, when taking A/C Theory I used this book instead of the assigned book in my apprenticeship class a few years back. It is very thorough and detailed in explanation at least it's to my liking. I highly recommend it for those who have an interest in electricity or branching into this diverse field this is a great book to start with. I have the 5th Edition and this review is for that version only. 0 of 0 people found the following review helpful. Five Stars By Edgar Banuelos good

Foundations of Electronics: Circuits and Devices, 5E includes the same superior content and readability as Foundations of Electronics, 5E, plus strong coverage of solid-state devices theory and important practical circuits in which diodes, BJT's, FET's, MOSFET's and optoelectronic devices are used. The Fifth Edition has been updated to better provide a foundation in power supplies, amplifiers, oscillators, op-amps, and optoelectronic systems that readers need to launch a career or pursue more advanced study. Real-world color codes and strategic highlighting combine with color charts, photos, schematics, and diagrams to foster a solid foundation in circuits and devices that bridges the gap between must-know theory and hands-on circuit work. Other enhancements include totally new, automated calculations for the formulas in the book on the accompanying CD, and all-new information on admittance and susceptance.

Basic Concepts of Electricity Electrical Quantities and Components Ohm's Law. Series Circuits Parallel Circuits Series-Parallel Circuits Basic Network Theorems Network Analysis Techniques Magnetism and Electromagnetism Measuring Instruments Basic AC Quantities The Oscilloscope Inductance Inductive Reactance in AC RL Circuits in AC Basic Transformer Characteristics Capacitance Capacitive Reactance In AC RC Circuits in AC RLC Circuit Analysis Series and Parallel Resonance Semiconductor Materials and P-N Junctions Diodes and Diode Circuits Power Supply Circuits Bipolar Junction Transistors BJT Amplifier Circuits Field-Effect Transistors and Circuits Operational Amplifiers Oscillators and Multivibrators Thyristors. Optoelectronics Optoelectronic Application Circuits About the Author Russell L. Meade obtained his Bachelor of Science degree from Mercer University in Georgia. He possesses more than 11 years of teaching experience in electronics and more than 10 years of business experience in such high-tech industries as Scientific-Atlanta, Electromagnetic Sciences, Inc., and Training Technology, Inc. Russell also has more than 16 years of State Agency Technical Education experience in the field of electronics, and has authored numerous books for electronics education and training.