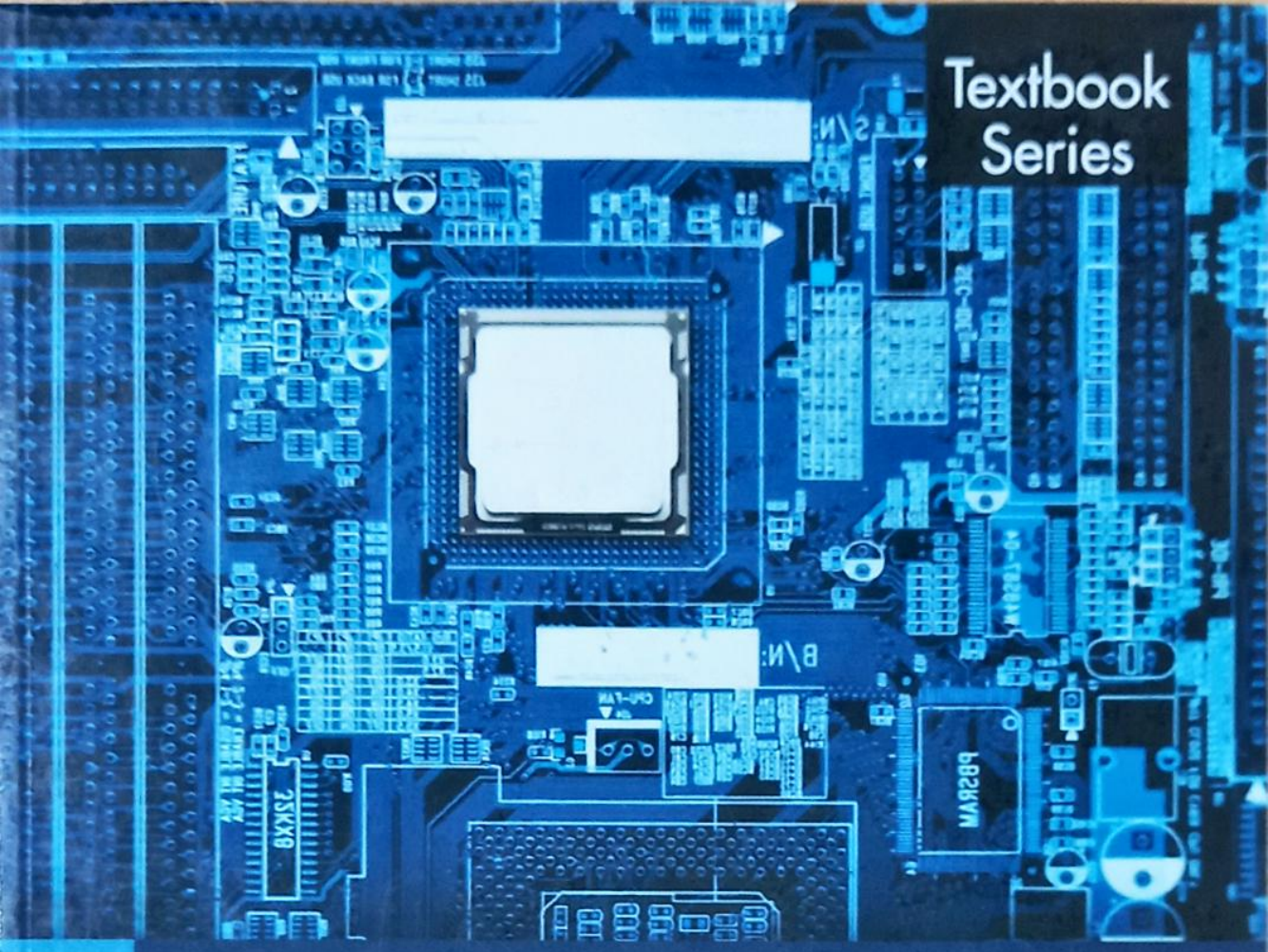

Textbook Series

Basic Electronics

Christopher Gunn

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Edited by
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Basic Electronics

Electronics deals with the science of electrons and controlling electric energy. It is mainly concerned with designing and constructing circuits by using electric machines like transistors. It includes the study of characteristics and behavior of electrons in vacuum, semiconductors, gas and conductors. Electronics has many branches namely circuit design, analog electronics, embedded systems, microelectronics, digital electronics, etc. This book elucidates the concepts and innovative models around prospective developments with respect to electronics. It is a valuable compilation of topics, ranging from the basic to the most complex theories and principles in this field. This textbook is an essential guide for both academicians and those who wish to pursue this discipline further.

Christopher Gunn pursued his Master of Engineering (Electrical and Electronic Engineering) from RMIT University, Australia. His interest areas of academic research include circuits and semiconductors. He has traveled and lectured extensively throughout Europe and United States; primarily for undergraduate education. Gunn has authored and edited a number of academic periodicals, journal papers, articles and books in the field of electronic engineering.

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