

# Electrical And Electronic Circuits Manual

## **Electrical And Electronic Circuits Manual - 4. RESISTANCE - . RESISTORS AND RESISTOR**

**CIRCUITS** - Resistance is the opposition to current flow in various degrees. The practical unit of resistance is called the ohm. A resistor of one ohm is physically very large but provides only a small resistance to current flow. Electrical engineering is a professional engineering discipline that generally deals with the study and application of electricity, electronics, and electromagnetism. This field first became an identifiable occupation in the later half of the 19th century after commercialization of the electric telegraph, the telephone, and electric power distribution and use. The topology of an electronic circuit is the form taken by the network of interconnections of the circuit components. Different specific values or ratings of the components are regarded as being the same topology. Topology is not concerned with the physical layout of components in a circuit, nor with their positions on a circuit diagram. Looking for books on Electronic Circuits? Check our section of free e-books and guides on Electronic Circuits now! This page contains list of freely available E-books, Online Textbooks and Tutorials in Electronic Circuits