

Schematic Symbols Electronic Components Physics

Schematic Symbols Electronic Components Physics - Electrical Symbols & Electronic Symbols. Electrical symbols and electronic circuit symbols are used for drawing schematic diagram. The symbols represent electrical and electronic components. Component Circuit Symbol Function of Component. Lamp (lighting) A transducer which converts electrical energy to light. This symbol is used for a lamp providing illumination, for example a car headlamp or torch bulb. Lamp (indicator) A transducer which converts electrical energy to light. A final means of describing an electric circuit is by use of conventional circuit symbols to provide a schematic diagram of the circuit and its components. Some circuit symbols used in schematic diagrams are shown below. A single cell or other power source is represented by a long and a short parallel line. Components of an Electric Circuit. Electric Bulb: The electric bulb here represents the component of the electric circuit that is doing the work with the electrical energy of the cell. In this case the bulb uses the electrons to heat up the filament in the bulb and create light. This bulb can be replaced in the circuit with a variety of things,...