

a circuit : is a complete circular path that electricity flows through. ● A resistor : is an electrical component that limits or regulates the flow of electrical current in an electronic circuit. ● A capacitor : is a two-terminal electrical device that can store energy in the form of an electric charge. ● An inductor : is a passive electronic component that temporarily stores energy in a magnetic field when electric current flows through the inductor's coil. ● A diode : is an electrical component that is used to facilitate the flow of electrical currents in one direction. ● A transistor : is a semiconductor device used to amplify or switch electrical signals and power. ● An antenna : is a device that transmits and/or receives electromagnetic energy. ● battery : A device containing an electric cell or a series of electric cells storing energy that can be converted into electrical power. ● A circuit diagram (electrical diagram, electronic schematic) is a graphical representation of an electrical circuit