

## Electronic Basic #16:

### RESISTOR:

A resistor is a passive electrical component that limits or regulates the flow of electric current in a circuit. It provides electrical resistance, which is measured in ohms ( $\Omega$ ).

The important of a resistor:

1) If we want to turn on an LED light, we need a power supply. To turn on an LED we have to supply 3.2 volt. If we have more than the value which it can consume, in this case we can use a resistor. A resistor is used to consume the extra voltage by converting voltage to heat.

Before using any kind of resistor, we need to be aware about temperature endurance.

There are two types of resistor:

1) Constant resistor

2) Variable resistor

\*Resistor can be used as a fuse in a circuit.