

Combinational Circuits

- A combinational circuit is one where the output at any time depends only on the present combination of inputs at that point of time with total disregard to the past state of the inputs.
- The logic gate is the most basic building block of combinational logic.
- The logical function performed by a combinational circuit is fully defined by a set of Boolean expressions.
- The other category of logic circuits, called *sequential logic circuits*,

