

# Appendix : Logic Design

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# Basics

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- Electronics are *digital*
  - signal is high & low voltage => binary system (0, 1) ; Why?
  - high voltage = signal that is *logically* true, i.e., 1
  - low voltage = signal that is *logically* false, i.e., 0
- Information representation. 1, 0 : bits
  - represent numbers
  - also any other information (via coding)

Logic states	
True	False
1	0
High	Low
+Vs	0V
On	Off