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by a 1 and the off state by a 0 digital logic is the foundation not only of computing but also many other electronic devices and control systems found in almost every part of modern life digital electronics is the concept of digital computers a good understanding of the core concepts of computer is required to understand the concept of digital electronics better audience all of electronics can be divided into two broad categories analog and digital one of the most common examples of the difference between analog and digital devices is a clock on the analog clock the time is represented by hands that spin around a dial and point to a location on the dial that represents the approximate time definition digital electronics is the sub branch of electronics that deals with digital signals for processing and controlling various systems and sub systems in various applications like sensors and actuators usage of digital electronics is increasing extensively digital signals quick guide resources job search discussion this tutorial is meant to provide the readers to know how to analyze and implement the combinational circuits and sequential circuits based on the requirement we can use either combinational circuit or sequential circuit or combination of both although you may typically work with digital electronics it s important to understand what analog signals are and how they compare to digital signals analog circuits that operate on analog signals can be very elegant and fast however designers often require significant knowledge and experience to design reliable and error free analog circuits integrated electronics analog and digital circuits and systems first edition by jacob millman author christos c halkias author 4 4 98 ratings see all formats and editions

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