

Design of real-time clock and electronic calculator

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Abstract: This topic focuses on the design and implementation of a real-time clock (RTC) system using electronic computer technology. Aiming to address the issue of high accuracy in applications requiring real-time management, this research approaches through selecting appropriate operating principles and designing hardware-software logic. The research method combines theory and experimentation to ensure the system's efficiency and reliability. The expected outcome of the topic is not only a technical product but also a contribution to the understanding of real-time applications in computer technology.

Keywords: Real-time clock, Electronic computer, Real-time control, Theoretical and experimental research