

Research and design of a device control circuit and indoor temperature monitoring via the Internet

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Abstract: The practical context requires efficient automated management of home devices via the internet. This topic focuses on researching and designing electronic circuits to control device operations, along with an in-home temperature monitoring system over the Internet. The implementation method involves a combination of electronic circuit design theory and experimental construction. The expected outcome is an effective automation solution, contributing to the IoT industry and improving users' quality of life.

Keywords: IoT, automation devices, smart home management, temperature monitoring, control circuit