

Design of a remote control model car using radio waves

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Abstract: In the process of developing information technology and data transmission, the design of remote control systems based on radio waves is becoming an important field. This topic focuses on researching and building a model car control system via radio waves to meet the requirements of high accuracy and stable operation in complex environments. The research method combines theory with experimentation, including electronic circuit design, control programming, and testing on a real system. The topic aims to contribute to the development of wireless transmission technology and enhance its applicability in fields such as autonomous vehicles and remote monitoring systems.

Keywords: remote control, radio wave, model car, electronic circuit, wireless transmission