

Design of an advertising screen control system using LPC2148

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Abstract: This topic focuses on designing and implementing an efficient advertising screen control system to meet diverse information needs in commercial environments. The selection of the LPC2148 microcontroller as the system platform is based on its powerful signal processing capabilities and easy connectivity with peripheral devices. This research process includes both theoretical methods in analyzing system requirements and experiments to evaluate performance. The expected outcome of this topic is a flexible, cost-effective solution for businesses looking to upgrade their advertising systems, while also contributing to the development of automation technology in the advertising field.

Keywords: Control system, LPC2148 microcontroller, advertising display, application design, e-commerce