

Design of an embedded system for controlling an advertising screen using LPC2148

Nguyen Van Them

Abstract: In the context of the rapid development of information and communication technology, building an embedded system capable of effectively controlling advertising screens becomes important. This topic focuses on designing and implementing an embedded system using the LPC2148 chip to provide a practical solution for businesses in the advertising field. The objective of the topic is to combine theoretical and experimental research to effectively develop an embedded system that can control smart advertising screens, meeting the needs for automation and energy saving. The expected results from the topic not only help improve service quality but also contribute to the development of embedded technology in practice.

Keywords: Embedded system, LPC2148 chip, Advertising display, Research and implementation