

Research on STM32F0 Discovery microcontroller and building an application in serial communication.

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Abstract: This topic aims to thoroughly research the STM32F0 Discovery microcontroller, from understanding its structure and characteristics to its practical implementation in serial communication systems. Thereby, the main objective is to build an effective application using this technology. The research method is based on a combination of theory and experimentation to ensure reliability and applicability in practice. The expected results of the topic not only demonstrate the enhancement of knowledge about microcontrollers but also contribute to the development of high-performance communication technology.

Keywords: STM32F0 Discovery, serial communication, experimental application