Building an RGB color sensor application module on the Galileo 2.0 microprocessor platform.

Ta Van Dinh

Abstract: This topic aims to build an RGB color sensor module on the Galileo 2.0 microprocessor platform, meeting the increasing demand for color recognition and analysis capabilities in electronic systems. The project is based on the necessity of developing color sensor technology to support various applications such as entertainment, e-commerce, and smart home automation. Through theoretical research and experimentation, the topic seeks to provide an effective solution for deploying RGB color sensors on the Galileo 2.0 microprocessor, contributing to the advancement of sensor technology in the field of consumer electronics.

Keywords: RGB color sensor, Galileo 2.0 microprocessor, electronic system