

Application of Galileo 2.0 microprocessor in measuring and displaying DC motor speed.

Le Thu Huyen

Abstract: This topic focuses on applying Galileo 2.0 microprocessor technology to improve performance in the measurement and display of Direct Current (DC) motor speed. The background of the topic stems from the high precision requirements of DC motor control and monitoring systems. The research objective is to build a fast, reliable, and easily deployable measurement system based on the Galileo 2.0 microprocessor. The research method combines theory and experimentation to ensure the effectiveness of the design. The expected result is to create a solution that can be widely applied in industrial fields requiring DC motor performance management, contributing to enhancing research and development capabilities in the electronic engineering industry.

Keywords: Galileo 2.0 processor, motor speed measurement, Direct Current (DC), monitoring system, technology improvement