

DESIGN AND DEVELOPMENT OF A MICROCONTROLLER BASED SYSTEM FOR MEASUREMENT OF RPM

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ABSTRACT

RPM measurement meters used in different applications need to meet the high performance, accuracy and reliability to achieve the desired output. But RPM meters have always been expensive tools for the average hobbyists. This paper deals with the design of a microcontroller based system for RPM measurement using proximity sensor and measured RPM is displayed on LCD display which is interfaced with 89C2051 microcontroller in 4-bit mode.

KEYWORDS: LCD, Microcontroller, Proximity Sensor, RPM