

**Microprocessor
&
Microcontroller
Lab Manual
(KEC-552)**

**DEPARTMENT OF ELECTRONICS & COMMUNICATION
ENGINEERING**

Microprocessor And Microcontroller Lab Manual

**James Kretzschmar, Jeffrey
Anderson, Steven F. Barrett**



Microprocessor And Microcontroller Lab Manual:

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MSP430 Microcontroller Lab Manual James Kretzschmar, Jeffrey Anderson, Steven F. Barrett, 2023-05-23 This book is a practical reference for using Texas Instruments MSP430 microcontrollers It provides a series of hands on laboratory exercises The labs may be completed in a traditional laboratory setting or at home using the Digilent Analog Discovery 2 Test Instrument This book can be used as a reference for planning future projects using the MSP430 microcontroller The authors focus on applications of the main peripheral modules available on the MSP430 microcontroller CPU clock Basic Input Output Timer Analog to Digital Converter They also provide examples of how to develop Pulse Width Modulation signals and how to use Interrupts

Microcontrollers And Applications With Lab Manual Kalpathi Ramani, 2010-09

[The Hands-on ARM mbed Development Lab Manual](#) Agus Kurniawan, This book helps you to get started with ARM mbed development Several codes samples are provided to illustrate how to work with ARM mbed boards using online mbed Compiler The following is highlight topics in this book Setting Up Development Environment mbed Digital I O ARM mbed UART mbed Analog I O mbed I2C TWI mbed SPI mbed and Bluetooth Low Energy BLE Controlling Servo Motor

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