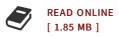# Embedded Systems: Introduction to Arm(r) Cortex(tm)-M Microcontrollers (Paperback)

By Jonathan W Valvano

Createspace Independent Publishing Platform, 2012. Paperback. Condition: New. 2nd ed.. Language: English . Brand New Book ***** Print on Demand *****.This book is self-published and is printed on demand. The original ISBN was generated in 2012, but if you purchase the book new from CreateSpace or Amazon you will get the new version, which was uploaded January 2017. This book, now in its fifth edition, is the first in a series of three books that teach the fundamentals of embedded systems as applied to the ARM Cortex-M family of microcontrollers. This fifth edition focuses on the LaunchPads based on the TM4C123, TM4C1294, and MSP432E4 microcontrollers. This first volume is an introduction to computers and interfacing focusing on assembly language and C programming. The second volume, Embedded Systems: Real-Time Interfacing to ARM Cortex-M Microcontrollers, focuses on hardware/software interfacing and the design of embedded systems. There are MSP432 versions of the first two volumes. The third volume, Embedded Systems: Real-Time Operating Systems for ARM Cortex-M Microcontrollers, is an advanced book focusing on operating systems, high-speed interfacing, control systems, and robotics. The third volume could also be used for professionals wishing to design or deploy a real-time operating system onto an ARM platform....

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