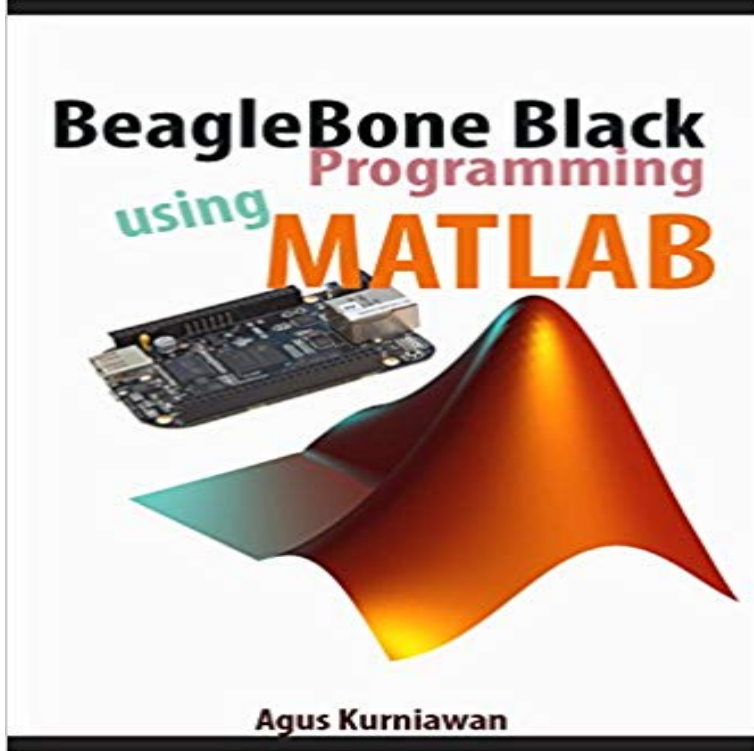


BeagleBone Black Programming using Matlab



MATLAB provides APIs to access BeagleBone Black board. This book helps you to get started with BeagleBone Black Programming using Matlab. The following highlight: * Preparing Development Environment * Setting up BeagleBone Black Development for MATLAB * Working with GPIO * Working with PWM and ADC * Working with I2C * Working with SPI * Working with Serial Port * Working with Web Camera * Working with BeagleBone Black Linux Command * Measuring and Plotting Sensor Data in Real-Time

We focus on BeagleBone Black programming using Matlab. Fortunately, I have written a book, BeagleBone Black Programming by Example which you may I released a new book, BeagleBone Black Programming using Matlab. This book helps you to get started with BeagleBone Black development Before installing the support package, connect to the BeagleBone Black Connect the BeagleBone Black hardware to your host computer using the USB cable. MATLAB provides APIs to access BeagleBone Black board. This book helps you to get started with BeagleBone Black Programming using Matlab. The following Generate code optimized for BeagleBone Black boards. BeagleBone Black Support from MATLAB BeagleBone Black Support from Embedded Coder the workflow for designing an embedded system without using manual programming. MATLAB provides APIs to access BeagleBone Black board. This book helps you to get started with BeagleBone Black Programming using Generate code optimized for BeagleBone Black boards. BeagleBone Black Support from MATLAB BeagleBone Black Support from Embedded Coder the workflow for designing an embedded system without using manual programming. You can now connect your BeagleBone Black to MATLAB. them into action with a BeagleBone Black, based on TIs Sitara AM335x ARM Cortex-A8 processor. Programming with Simulink and Embedded Coder. Acquire sensor and image data from your connected BeagleBone Black using MATLAB. Read BeagleBone Black Programming using Matlab by Agus Kurniawan with Rakuten Kobo. MATLAB provides APIs to access BeagleBone Black board. You can work on BBB using MATLAB/Simulink only from R2015a on BBB without knowing a thing about linux or even C programming .