

Download Android For The BeagleBone Black

What is BBBAndroid? BBBAndroid is a port of AOSP Android KitKat 4.4.4 to the BeagleBone Black. Using the BeagleBone Black's custom Linux 3.8 kernel, BBBAndroid brings the BBB's "cape manager" functionality to the Android environment. The BeagleBone Black has already been a versatile single board computer, and this book attempts to explore hardware interfacing with the BeagleBone Black through Android apps interacting with peripherals through GPIO, SPI and I2C interfaces and manages to do it quite well in a tight page budget. **Book Description.** Design and implement Android apps that interface with your own custom hardware circuits and the BeagleBone Black. In Detail. This book explores using the Android OS on the BeagleBone Black hardware platform and provides an introduction to Android's unique approach to hardware interfacing. With the BeagleBone Black powered off, insert the micro SD card. Press and hold the 'boot button' then power up the board by plugging in the mini USB cable. The first boot takes a while - up to three minutes. - Android For The BeagleBone Black