

## Sitara ARM processors add support of Android 4.0 “Ice Cream Sandwich”

Texas Instruments Incorporated is offering developers a cool treat to kick off their summer right. TI today announced the availability of a new software development kit (SDK) that brings Android 4.0 (“Ice Cream Sandwich”) to TI’s Sitara™ AM335x and AM37x ARM®-Cortex™-A8 processors. This complete software offering allows innovators to fully evaluate Android 4.0 on embedded applications running on TI’s Sitara processors. For more information or to download the free SDK, [click here](#).

### **The perfect fit for low-cost, low-power, Android 4.0-based applications**

For the first time, Sitara ARM developers can take advantage of Android 4.0 for low-cost, low-power applications, including wearable gadgets such as watches, goggles, display panels for home appliances and automation, education and enterprise tablets that are non-video centric, point-of-sale terminals, portable navigation devices and industrial control applications.

“This milestone of bringing Android 4.0 support to our Sitara platform demonstrates TI’s commitment to advancing opportunities for the open-source community,” said Adrian Valenzuela, marketing director, Sitara ARM processors, TI. “Bringing Android 4.0 to the Sitara platform enables developers to use the stunning features that this latest Android flavor delivers to embedded applications, such as innovative video, imaging and graphics effects, robust user interfaces and more.”

### **Quickly and easily evaluate Android-based applications**

Complete with pre-integrated connectivity and 3D graphics capabilities, the SDK provides a stable software foundation that can be utilized on a wide range of Sitara processor products. To help developers quickly and easily integrate and evaluate Android-based applications, the SDK is fully tested for functionality using the Android compatibility test suite on the AM335x evaluation module (EVM), Beagleboard-xM, BeagleBone, AM37x EVM and Flash Board platforms. The SDK includes:

- Linux kernel
- Boot loaders (uboot/x-loader)
- Android 4.0.3 “Ice Cream Sandwich” operating system (OS)
- 3D graphics using Imagination Technologies' POWERVR™ SGX OpenGL® driver and libraries
- TI’s WiLink™ 6.0 combo connectivity drivers for Wi-Fi (802.11 b/g/n) and Bluetooth® v2.1 technologies
- RowboPERF, a performance measurement and benchmarking application
- Host tools for Android debugging with TI’s Code Composer Studio™ integrated development environment
- Application notes, guides and test results to help developers with their designs

### **Pricing and availability**

## **Sitara ARM processors add support of Android 4.0 “Ice Cream Sandwich”**

Published on Electronic Component News (<http://www.ecnmag.com>)

---

The Android 4.0 SDK for TI's Sitara ARM Cortex-A8 processors is available for free download today, with no development or production restrictions.

**Source URL (retrieved on 09/17/2014 - 6:02am):**

<http://www.ecnmag.com/product-releases/2012/06/sitara-arm-processors-add-support-android-4.0-%E2%80%9Cice-cream-sandwich%E2%80%9D>